



ZANZIBAR SAMPLE CENSUS OF AGRICULTURE

2002/2003

SMALL HOLDER AGRICULTURE

STATISTICAL TABLES

CROP SECTOR

THE OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN
P. O. BOX 2321
ZANZIBAR

October 2006



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APPENDIX 11: CROPS TABLES

2.1 TYPE OF RURAL HOUSEHOLD: Number of Rural Households by Type of Household District during 2002/03 Agriculture Year.

District	Rural Households Involved in Agriculture		Rural Households Not Involved in Agriculture		Total Rural Households
	Number	Percent	Number	Percent	Number
North 'A'	14,110	84.6	2570	15.4	16,680
North 'B'	8,778	86.8	1331	13.2	10,109
Central	11,145	87.9	1540	12.1	12,685
South	4,234	69.6	1851	30.4	6,085
West	10,527	37	17899	63	28,426
Wete	12,108	84	2308	16	14,416
Micheweni	13,117	91.1	1276	8.9	14,393
Chakechake	10,031	81.8	2236	18.2	12,267
Mkoani	12,472	90.2	1352	9.8	13,824
Total	96,522	74.9	32363	25.1	128,885

Data Source: Number of rural households involved in agriculture - Small holder questionnaire. Number of rural households not involved in a agriculture- households listing

2.2 TYPE OF AGRICULTURAL HOUSEHOLD: Number of Agricultural Households by Type of Holding and District during 2002/03 Agriculture Year

District	Type of Agricultural Holding						Total		
	Crops Only		Livestock Only		Crops & Livestock		Agricultural Households	Households Growing Crops	Households Rearing Livestock
	Number	Percent	Number	Percent	Number	Percent			
North 'A'	11,121	18.5	31	10.0	2,959	8.2	14,110	14,080	2,989
North 'B'	5,784	9.6	20	7.0	2,974	8.2	8,778	8,758	2,994
Central	6,494	10.8	0	0.0	4,651	12.9	11,145	11,145	4,651
South	2,988	5.0	38	13.0	1,208	3.3	4,234	4,196	1,246
West	6,334	10.5	149	49.0	4,045	11.2	10,527	10,379	4,194
Wete	7,066	11.8	20	7.0	5,022	13.9	12,108	12,088	5,042
Micheweni	6,703	11.2	24	8.0	6,390	17.7	13,117	13,093	6,414
Chakechake	5,946	9.9	19	6.0	4,065	11.2	10,031	10,011	4,085
Mkoani	7,641	12.7	0	0.0	4,831	13.4	12,472	12,472	4,831
Total	60,077	100.0	301	100.0	36,144	100.0	96,522	96,221	36,445

2.3 TYPE OF AGRICULTURAL HOUSEHOLD: Ranking of Livelihood Activities of the Households by Order of Importance and District 2002/03 Agriculture Year

District	Source of Income Activity						
	Annual Crop Farming	Permanent Crop Farming	Livestock Keeping / Herding	Off Farm Income	Remittances	Fishing / Hunting & Gathering	Tree / Forest Resources
North "A"	1	2	5	3	6	4	7
North "B"	2	1	5	3	6	7	4
Central	2	1	4	3	6	7	5
South	3	1	4	2	7	6	5
West	3	1	4	2	6	7	5
Wete	3	1	5	4	6	7	2
Micheweni	2	1	5	4	7	6	2
Chake	1	1	5	3	6	7	4
Mkoani	2	1	5	4	7	6	3
Total	2	1	5	3	7	6	4

4.1 LAND ACCESS/OWNERSHIP: Number of Agricultural Households by Type of Land Ownership/Tenure and District, 2002/03 Agriculture Year

District	Land Access					
	Households with Area Leased/Certificate of Ownership	Households with Area Owned Under Customary Law	Households with Area Bought From Others	Households with Area Rented From Others	Households with Area Borrowed From Others	Households with Area under Other Forms of Tenure
North 'A'	1,726	7,842	1,384	51	5,956	2,951
North 'B'	1,446	3,038	841	213	6,037	1,262
Central	2,639	3,655	2,266	315	5,879	3,198
South	263	2,485	834	9	1,274	883
West	2,528	3,003	1,272	183	6,287	1,455
Wete	1,001	6,976	2,320	160	5,872	2,046
Micheweni	1,741	6,625	1,357	189	7,534	2,581
Chakechake	1,244	5,242	1,157	0	6,050	1,968
Mkoani	2,962	6,223	1,391	499	6,517	810
Total	15,550	45,089	12,822	1,619	51,406	17,154

4.2 LAND ACCESS/OWNERSHIP: Area of Land by Type of Ownership/Tenure (ha) and District, 2002/03 Agriculture Year

District	Land Access/ Ownership (ha)						Total
	Area Leased/Certificate of Ownership	Area Owned Under Customary Law	Area Bought From Others	Area Rented From Others	Area Borrowed From Others	Area under Other Forms of Tenure	
North 'A'	1,755	5,978	874	25	4,720	2,051	15,404
North 'B'	1,406	2,096	374	310	5,132	816	10,134
Central	2,783	3,794	2,133	354	4,980	2,445	16,489
South	210	1,840	427	16	538	351	3,381
West	2,371	2,183	677	125	4,191	976	10,523
Wete	1,146	6,250	1,536	103	4,343	1,427	14,804
Micheweni	1,204	5,232	903	145	5,688	1,775	14,947
Chakechake	1,280	4,426	594	.0	3,925	1,491	11,716
Mkoani	2,519	5,290	1,125	196	4,900	510	14,539
Total	14,674	37,089	8642	1,273	38,418	11,842	111,939

4.3 LAND SUFFICIENCY: Number of Agricultural Households by Whether All Land Available to the Household Was Used by District, during 2002/03 Agriculture Year

District	Was all Land Available to the Hh Used During 2002/03?				
	Yes		No		Total
	Number	Percent	Number	Percent	Number
North 'A'	13,034	92	1,077	8	14,110
North 'B'	8,020	91	758	9	8,778
Central	9,967	89	1,177	11	11,145
South	3,910	92	325	8	4,234
West	8,902	85	1,625	15	10,527
Wete	10,680	88	1,428	12	12,108
Micheweni	10,777	82	2,340	18	13,117
Chakechake	8,679	87	1,351	13	10,031
Mkoani	11,462	92	1,010	8	12,472
Total	85,431	89	11,091	11	96,522

4.4 LAND SUFFICIENCY: Number of Agricultural Households by Whether they Consider Having Sufficient Land for the Household and District, during 2002/03 Agriculture Year

District	Do you Consider That You Have Sufficient Land for the Hh?				
	Yes		No		Total
	Number	Percent	Number	Percent	Number
North 'A'	8,254	58	5,857	42	14,110
North 'B'	4,668	53	4,110	47	8,778
Central	7,094	64	4,050	36	11,145
South	3,489	82	745	18	4,234
West	6,148	58	4,380	42	10,527
Wete	6,971	58	5,137	42	12,108
Micheweni	7,289	56	5,828	44	13,117
Chakechake	5,729	57	4,302	43	10,031
Mkoani	8,132	65	4,339	35	12,472
Total	57,774	60	38,748	40	96,522

4.5 LAND SUFFICIENCY: Number of Agricultural Households by Whether Female Members of the Household Own or Have Customary Right to Land by District, 2002/03 Agriculture Year

District	Do any Female Members of the Household Own or have Customary Right to Land?				
	Yes		No		Total
	Number	Percent	Number	Percent	Number
North 'A'	13,439	95	672	5	14,110
North 'B'	8,295	94	483	6	8,778
Central	10,749	96	396	4	11,145
South	3,273	77	961	23	4,234
West	8,303	79	2224	21	10,527
Wete	10,504	87	1604	13	12,108
Micheweni	11,994	91	1124	9	13,117
Chakechake	9,895	99	136	1	10,031
Mkoani	11,236	90	1236	10	12,472
Total	87,688	91	8835	9	96,522

LAND USE

5.1 LAND USE: Number of Agricultural Households by Type of Land Use and District, 2002/03 Agriculture Year

District	Land Use: Households with Land											
	Area under Temporary Mono Crops	Area under Temporary Mixed Crops	Area under Permanent Mono Crops	Area under Permanent Mixed Crops	Area under Permanent / Annual Mix	Area under Pasture	Area under Fallow	Area under Natural Bush	Area under Planted Trees	Area Rented to Others	Area Unusable	Area of Uncultivated Usable Land
North 'A'	10,740	3,283	7,302	4,359	3,176	0	423	0	701	50	97	489
North 'B'	6,639	887	5,442	2,585	1,281	42	145	21	287	33	21	357
Central	6,562	3,550	3,289	6,441	2,582	0	809	0	741	49	111	391
South	2,009	808	1,416	1,840	1,453	0	208	0	291	6	14	170
West	4,907	1,063	4,903	4,123	3,380	52	760	88	380	117	334	532
Wete	10,131	694	7,745	4,630	756	0	373	0	38	41	219	896
Micheweni	9,649	711	8,137	4,554	3,700	0	1,003	23	154	63	301	872
Chakechake	7,963	517	6,992	3,865	130	0	655	22	132	42	44	522
Mkoani	10,617	430	9,058	4,346	258	0	203	0	42	0	162	670
Total	69,217	11,945	54,283	36,744	16,715	94	4,578	154	2,765	402	1,302	4,899

5.2 LAND USE: Area of Land (ha) by Type of Land Use and District, 2002/03 Agriculture Year

District	Land Use												Total
	Area under Temporary Mono Crops	Area under Temporary Mixed Crops	Area under Permanent Mono Crops	Area under Permanent Mixed Crops	Area under Permanent / Annual Mix	Area under Pasture	Area under Fallow	Area under Natural Bush	Area under Planted Trees	Area Rented to Others	Area Unusable	Area of Uncultivated Usable Land	
North 'A'	5,343	1,372	3,558	2,823	1,588	0	207	0	210	51	45	208	15,405
North 'B'	3,533	396	3,254	1,727	871	37	52	8	109	5	13	129	10,134
Central	3,585	2,165	1,914	5,994	1,930	0	394	0	284	29	25	169	16,489
South	364	279	492	964	837	0	114	0	252	4	1	74	3,381
West	2,096	490	2,009	3,073	1,919	18	289	21	132	63	157	256	10,523
Wete	5,004	299	5,188	3,304	358	0	159	0	3	34	88	367	14,804
Micheweni	3,383	291	4,950	2,919	2,290	0	405	14	42	35	163	456	14,948
Chakechake	3,441	262	4,632	2,564	120	0	222	4	41	102	22	306	11,716
Mkoani	4,257	315	6,314	2,981	127	0	59	0	21	0	148	317	14,539
Total	31,006	5,869	32,312	26,349	10,040	55	1,902	48	1,094	322	661	2,282	111,939

TOTAL ANNUAL CROP & VEGETABLE PRODUCTION – LONG RAINY AND SHORT RAINY SEASONS

7.0.1 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Agricultural Households and Area(ha) Planted with Annual Crops by Season and District, 2002/03 Agriculture Year - Long and Short Rainy Seasons

District	Short Rain			Long Rain			Total Planted Area(ha)	Percent Area Planted in Short Rainy Season
	Number of Households	Planted Area(ha)	Percent of Total Planted Area	Number of Households	Planted Area(ha)	Percent of Total Planted Area		
North 'A'	7,176	2,400	22	11,611	8,820	13	11,220	21
North 'B'	1,879	801	7	7,498	6,670	10	7,471	11
Central	4,750	2,949	27	8,086	7,330	11	10,279	29
South	2,478	857	8	2,089	995	1	1,852	46
West	4,493	1,523	14	6,170	4,671	7	6,194	25
Wete	3,312	968	9	10,746	10,477	16	11,445	8
Micheweni	2,347	479	4	11,706	10,819	16	11,298	4
Chakechake	2,026	608	5	8,593	7,890	12	8,498	7
Mkoani	1,521	472	4	10,968	9,543	14	10,015	5
Total	29,982	11,058	100	77,467	67,216	100	78,274	14

7.0.2 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households Planting Crops by Season and District, 2002/03 Agriculture Year

District	Short Rainy Season			Long Rainy Season			Total Number of Crop Growing Households
	Number of Households Growing Crops	Number of Households NOT Growing Crops	Percent of households growing Crops	Number of Households Growing Crops	Number of Households NOT Growing Crops	Percent of Households Growing Crops	
North "A"	7,176	6,934	51	10,596	3,515	75	14,080
North "B"	1,879	6,899	21	6,709	2,069	77	8,758
Central	4,750	6,395	43	7,887	3,257	71	11,145
South	2,478	1,756	59	1,642	2,592	39	4,196
West	4,493	6,034	43	5,074	5,454	49	10,379
Wete	3,312	8,796	27	10,201	1,907	84	12,088
Micheweni	2,347	10,770	18	10,630	2,487	81	13,093
Chakechake	2,026	8,004	20	8,152	1,878	81	10,011
Mkoani	1,521	10,951	12	10,449	2,023	84	12,472
Total	29,982	66,540	31	71,341	25,181	74	96,221

7.0.3 ANNUAL CROP AND VEGETABLE PRODUCTION: Area Planted(ha) Quantity Harvested (tonnes) and Yield(t/ha) by Season and Crop during 2002/03 Agriculture Year

Crop	Short Rainy Season			Long Rainy Season			Total	
	Area Planted (ha)	Quantity Harvested (tons)	Yield in t/ha	Area Planted (ha)	Quantity Harvested (tons)	Yield in t/ha	Area Planted (ha)	Quantity Harvested (tons)
Maize	997.8	1,207.5	1.2	1,642	1,937.5	1.2	2,639	3,145.0
Paddy	240.2	231.9	1.0	21,374	10,126.6	0.5	21,614	10,358.5
Sorghum	92.5	41.2	0.4	450	241.3	0.5	542	282.5
Bulrush Millet	191.9	63.4	0.3	120	88.3	0.7	312	151.7
CEREALS	1,522.4	1,544.1		23,585	12,393.6		25,107	13,937.7
Cassava	0	0	0	34,002	67,958.0	2.0	34,002	67,958.0
Sweet Potatoes	1,487.5	2,308.8	1.6	3,743	5,957.6	1.6	5,231	8,266.5
Yams	1,035.6	1,415.8	1.4	467	608.8	1.3	1,503	2,024.6
Cocoyam	502.4	403.8	0.8	526	407.4	0.8	1,028	811.2
ROOTS & TUBERS	3,025.5	4,128.4		38,738	74,931.8		41,764	79,060.2
Mung Beans	15.0	6.8	0.5	61	9.8	0.2	76	16.6
Beans	14.4	1.8	0.1	14	2.4	0.2	29	4.2
Cowpeas	2,032.9	367.0	0.2	493	134.5	0.3	2,526	501.4
Green Gram	491.9	133.8	0.3	187	37.1	0.2	679	171.0
Bambaranuts	0	0	0	7	5.9	0.8	7	5.9
PULSES	2,554.3	509.5		761	189.6		3,316	699.1
Simsim	1.7	0.8	0.5	-	-	-	2	0.8
Groundnuts	277.0	183.6	0.7	426	202.8	0.5	703	386.4
OIL SEEDS & OIL NUTS	278.7	184.4		426	202.8		705	387.2
Okra	72.3	71.6	1.0	27	35.8	1.3	100	107.4
Radish	18.2	110.5	6.1	2	0.9	0.3	21	111.4
Bitter Aubergine	113.1	177.0	1.6	65	223.8	3.4	178	400.9
Onions	1.4	0.9	0.6	5	0	0	7	0.9
Ginger	0	0	0	2	1.0	0.5	2	1.0
Cabbage	2.6	6.0	2.3	1	9.1	7.1	4	15.0
Tomatoes	1,043.1	2,196.7	2.1	1,327	3,183.8	2.4	2,370	5,380.6
Spinnach	0.1	0.4	6.2	9	7.5	0.9	9	8.0
Carrot	2.3	2.1	1.0	0	0	0	2	2.1
Amaranths	227.2	589.7	2.6	180	285.4	1.6	407	875.1
Pumpkins	173.8	333.4	1.9	200	505.4	2.5	373	838.8
Cucumber	214.9	526.1	2.4	175	410.4	2.3	390	936.5
Egg Plant	325.1	717.3	2.2	388	790.8	2.0	713	1,508.2
Water Mellon	28.8	45.0	1.6	12	33.3	2.8	40	78.3
FRUITS & VEGETABLES	2,222.8	4,823.0		2,394	5,571.0		4,617	10,394.0
Turmeric	14.3	21.4	1.5	20	23.3	1.2	34	44.7
Chillies	62.1	24.6	0.4	61	60.5	1.0	123	85.1
Seaweed	1,377.0	2,697.9	2.0	1,202	2,830.2	2.4	2,579	5,528.2
Tobacco	1.3	1.0	0.8	31	17.9	0.6	32	18.9
CASH CROPS	1,454.6	2,745.0		1,314	2,932.0		2,768	5,676.9
Total	11,058			67,216			78,274	

*Total area planted includes the sum of planted area for both long and short rain seasons and is an over estimation of the actual area due to crops being produced on the same land during the two seasons.

**7.0.4 ANNUAL CROP AND VEGETABLE PRODUCTION: Area planted with Annual Crop (ha)
by Season and Crop, during 2002/03 Agriculture Year**

Crop	Short Rainy Season		Long Rainy Season		Total Area Planted Short&Long Rainy Season(ha)	% Area Planted in Short Rainy Season
	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)		
Maize	4958	998	7218	1642	2,639	37.8
Paddy	870	240	53680	21374	21,614	1.1
Sorghum	663	93	2097	450	542	17.1
Bulrush Millet	1005	192	657	120	312	61.5
CEREALS		1522		23585	25,107	6.1
Cassava	0	0		34002	34,002	0.0
Sweet Potatoes	6672	1488	15253	3743	5,231	28.4
Yams	4375	1036	2205	467	1,503	68.9
Cocoyam	2489	502	3022	526	1,028	48.9
ROOTS& TUBERS		3026		38738	41,764	7.2
Mung Beans	204	15	312	61	76	19.9
Beans	67	14	107	14	29	50.5
Cowpeas	9787	2033	2714	493	2,526	80.5
Green Gram	3281	492	1522	187	679	72.5
Bambaranuts	0	0	37	7	0	0.0
Field Peas	0	0	0	0	0	0.0
PULSES		2554		761	3,316	77.0
Simsim	28	2	0	0	0	0.0
Groundnuts	903	277	1410	426	703	39.4
OIL SEEDS & OIL NUTS		279		426	705	39.5
Okra	654	72	389	27	100	72.5
Radish	118	18	24	2	21	88.1
Bitter Aubergine	795	113	525	65	178	63.4
Onions	17	1	27	5	7	20.8
Ginger	0	0	20	2	2	0.0
Cabbage	42	3	24	1	4	67.4
Tomatoes	4884	1043	5846	1327	2,370	44.0
Spinnach	17	0	78	9	9	0.8
Carrot	29	2	0	0	2	0.0
Amaranths	2025	227	1369	180	407	55.8
Pumpkins	1285	174	1187	200	374	46.5
Cucumber	1133	215	1021	175	390	55.1
Egg Plant	2303	325	2483	388	713	45.6
Water Mellon	174	29	106	12	40	71.1
FRUITS & VEGETABLES		2223		2395	4,618	48.1
Turmeric	113	14	118	20	34	42.0
Chillies	550	62	595	61	123	50.5
Seaweed	4146	1377	3162	1202	2,579	53.4
Tobacco	22	1	99	31	32	4.1
CASH CROPS		1455		1314	2,768	52.5
Total		11058		67219	78,274	

7.0.5 ANNUAL CROPS AND VEGETABLE PRODUCTION: Planted Area with Irrigation by Season and Crop during 2002/03 Agriculture Year

Crop	Short Rainy Season						Long Rainy Season						Total Area Planted Masika + Vuli					
	Area under Irrigation (ha)	Percent	Rainfed Area (ha)	Percent	Total Area (ha)	Percent	Area under Irrigation (ha)	Percent	Rainfed Area (ha)	Percent	Total Area (ha)	Total Irrigated Area (ha)	Percent	Total Rainfed Area (ha)	Percent	Total Area (ha)		
Maize	22	1.61	976	10.06	998	9.02	0	0.00	1642	2.47	1642	22	1.01	2618	3.44	2639		
Paddy	231	17.01	9	0.09	240	2.17	375	41.91	20999	31.74	21374	606	27.77	21008	27.71	21614		
Sorghum	0	0.00	93	0.95	93	0.84	0	0.00	450	0.68	450	0	0.00	542	0.71	542		
Bulrush Millet	0	0.00	192	1.98	192	1.74	0	0.00	120	0.18	120	0	0.00	312	0.41	312		
CEREALS	253	18.62	1270	13.09	1522	13.77	375	41.91	23210	34.93	23585	628	28.77	24480	32.15	25107		
Cassava	0	0.00	0	0.00	0	0.00	0	0.00	34002	51.17	34002	0	0.00	34002	44.65	34002		
Sweet Potatoes	0	0.00	1488	15.33	1488	13.45	0	0.00	3743	5.63	3743	0	0.00	5231	6.87	5231		
Yams	0	0.00	1036	10.68	1036	9.37	0	0.00	467	0.70	467	0	0.00	1503	1.97	1503		
Cocoyam	0	0.00	502	5.18	502	4.54	0	0.00	526	0.79	526	0	0.00	1028	1.35	1028		
ROOTS & TUBERS	0	0.00	3026	31.19	3026	27.36	0	0.00	38738	58.30	38738	0	0.00	41764	54.84	41764		
Mung Beans	0	0.00	15	0.15	15	0.14	0	0.00	61	0.09	61	0	0.00	76	0.10	76		
Beans	0	0.00	14	0.15	14	0.13	0	0.00	14	0.02	14	0	0.00	29	0.04	29		
Cowpeas	0	0.00	2033	20.96	2033	18.38	0	0.00	493	0.74	493	0	0.00	2526	3.32	2526		
Green Gram	0	0.00	492	5.07	492	4.45	0	0.00	187	0.28	187	0	0.00	679	0.89	679		
Bambaranuts	0	0.00	0	0.00	0	0.00	0	0.00	7	0.01	7	0	0.00	7	0.01	7		
PULSES	0	0.00	2554	26.33	2554	23.10	0	0.00	761	1.15	761	0	0.00	3316	4.35	3316		
Simsim	0	0.00	2	0.02	2	0.02	0	0.00	0	0.00	0	0	0.00	2	0.00	2		
Groundnuts	0	0.00	277	2.86	277	2.51	0	0.00	426	0.64	426	0	0.00	703	0.92	703		
OIL SEEDS & OIL NUTS	0	0.00	279	2.87	279	2.52	0	0.00	426	0.64	426	0	0.00	705	0.93	705		
Okra	42	3.12	30	0.31	72	0.65	6	0.83	22	0.03	27	48	2.20	52	0.07	100		
Radish	18	1.34	0	0.00	18	0.16	2	0.36	0	0.00	2	21	0.95	0	0.00	21		
Bitter Aubergine	58	4.27	55	0.57	113	1.02	20	2.91	46	0.07	65	78	3.56	101	0.13	178		
Onions	1	0.10	0	0.00	1	0.01	0	0.00	5	0.01	5	1	0.06	5	0.01	7		
Ginger		0.00		0.00	0	0.00	0	0.00	2	0.00	2	0	0.00	2	0.00	2		
Cabbage	3	0.19	0	0.00	3	0.02	1	0.19	0	0.00	1	4	0.18	0	0.00	4		
Tomatoes	406	29.89	637	6.57	1043	9.43	156	20.70	1171	1.79	1327	562	25.78	1808	2.40	2370		
Spinnach	0	0.01	0	0.00	0	0.00	9	1.27	0	0.00	9	9	0.40	0	0.00	9		
Carrot	2	0.17	0	0.00	2	0.02	0	0.00	0	0.00	0	2	0.10	0	0.00	2		

Continue... **7.0.5 ANNUAL CROPS AND VEGETABLE PRODUCTION: Planted Area with Irrigation by Season and Crop during 2002/03 Agriculture Year**

Amaranths	176	12.95	51	0.53	227	2.05	66	8.51	114	0.18	180	242	11.08	165	0.23	407
Pumpkins	37	2.71	137	1.41	174	1.57	37	3.81	163	0.26	200	74	3.38	300	0.41	374
Cucumber	126	9.24	89	0.92	215	1.94	56	8.05	119	0.18	175	182	8.33	208	0.28	390
Egg Plant	189	13.91	136	1.40	325	2.94	82	10.19	306	0.48	388	271	12.43	442	0.60	713
Water Mellon	10	0.74	19	0.19	29	0.26	0	0.03	12	0.02	12	10	0.47	30	0.04	40
FRUITS&VEGETABLES	1068	78.63	1155	11.91	2223	20.10	435	56.86	1959	3.02	2395	1503	68.92	3114	4.16	4618
Turmeric	2	0.18	12	0.12	14	0.13	4	0.14	16	0.03	20	6	0.29	28	0.04	34
Chillies	35	2.54	28	0.28	62	0.56	10	1.07	51	0.08	61	44	2.02	79	0.11	123
Seaweed	0	0.00	1377	14.19	1377	12.45	0	0.00	1202	1.81	1202	0	0.00	2579	3.39	2579
Tobacco	0	0.00	1	0.01	1	0.01	0	0.00	31	0.05	31	0	0.00	32	0.04	32
CASH CROPS	37	2.72	1418	14.61	1455	13.15	14	1.22	1300	1.96	1314	50	2.31	2718	3.58	2768
Total	1358	100.0	9701	100.00	11058	100.00	824	100.0	66396	100.00	67219	2181	100.0	76096	100.00	78278

7.0.6 ANNUAL CROPS AND VEGETABLE PRODUCTION: Number of Agricultural Households, Area Planted (ha), Quantity Harvested (tonnes) and Yield (t/ha) by District, during 2002/03 Agriculture Year Long and Short Rainy Seasons

District	Maize				Paddy				Sorghum				Bulrush Millet			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	5,671	738	1,055	0.7	6,294	1,595	2,856	0.56	963	60	146	0.4	44	0	2.3	0
North "B"	601	289	172	1.68	5,614	705	2,558	0.28	21	1	2	0.6	0	0	0	0
Central	2,736	1,348	756	1.78	2,927	568	1,296	0.44	85	6	19	0.3	0	0	0	0
South	403	84	65	1.3	240	28	43	0.65	10	3	1	3	0	0	0	0
West	1,243	405	242	1.67	3,383	605	1,207	0.5	16	0	0	0	0	0	0	0
Wete	720	111	178	0.62	10,008	1,833	4,385	0.42	223	39	41	0.9	183	23.4	23.7	1
Micheweni	44	16	9	1.79	7,706	1,237	2,361	0.52	1,352	168	320	0.5	1,357	122.5	258.9	0.5
Chakechake	478	88	83	1.07	8,023	1,411	3,009	0.47	90	5	12	0.4	0	0	0	0
Mkoani	279	65	79	0.82	10,356	2,377	3,899	0.61	0	0	0	0	77	5.8	27	0.2
Total	12,177	3,145	2,639	1.19	54,550	10,359	21,614	0.48	2,760	283	542	0.5	1,661	151.7	311.9	0.5

Continue....

District	Cassava				Sweet Potatoes				Yams				Cocoyam			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	8,323	4,810	3,294	1.5	4,747	1,017	1,053	1.0	1,957	334	412	0.8	681	38	90	0.4
North "B"	6,068	7,910	3,196	2.5	2,157	1,784	913	2.0	116	53	28	1.9	550	91	135	0.7
Central	5,600	4,812	2,019	2.4	3,987	2,187	1,040	2.1	1,093	357	249	1.4	1,920	380	417	0.9
South	1,326	1,733	607	2.9	357	47	64	0.7	2,007	868	465	1.9	243	60	50	1.2
West	4,493	5,868	2,723	2.2	3,777	1,350	669	2.0	1,140	358	302	1.2	1,539	221	238	0.9
Wete	9,796	9,109	5,626	1.6	1,169	228	185	1.2	96	10	20	0.5	59	3	9	0.3
Micheweni	10,517	10,360	6,652	1.6	5,189	1,522	1,214	1.3	131	1	21	0.0	262	5	48	0.1
Chakechake	7,859	8,244	4,414	1.9	259	69	53	1.3	0	0	0	0.0	22	1	2	0.5
Mkoani	9,803	15,112	5,471	2.8	283	62	39	1.6	39	44	6	7.1	234	13	39	0.3
Total	63,785	67,958	34,002	2.0	21,925	8,266	5,231	1.6	6,580	2,025	1,503	1.3	5,510	811	1,029	0.8

District	Mung Beans				Beans				Cowpeas				Green Gram			
	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	324	9	35	0.3	27	1	11	0.1	4,516	121	692	0.2	3,097	64	370	0.2
North "B"	0	0	0	0.0	0	0	0	0.0	220	15	32	0.5	43	3	3	0.8
Central	167	7	39	0.2	54	2	8	0.2	772	52	122	0.4	538	65	111	0.6
South	25	1	1	0.7	0	0	0	0.0	203	10	30	0.3	385	24	63	0.4
West	0	0	0	0.0	26	1	3	0.2	103	7	27	0.3	24	0	10	0.0
Wete	0	0	0	0.0	0	0	0	0.0	2,814	91	650	0.1	429	6	69	0.1
Micheweni	0	0	0	0.0	66	1	7	0.1	688	17	140	0.1	42	0	1	0.1
Chakechake	0	0	0	0.0	0	0	0	0.0	1,910	65	493	0.1	225	10	50	0.2
Mkoani	0	0	0	0.0	0	0	0	0.0	1,275	123	341	0.4	41	0	2	0.0
Total	516	17	76	0.2	174	4	29	0.1	12,501	501	2,526	0.2	4,824	171	679	0.3

Continue...

District	Bambaranuts				Simsim				Groundnuts				Okra			
	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (t/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (t/ha)
North "A"	0	0	0	0.0	28	1	2	0.5	105	111	86	1.3	56	1	7	0.1
North "B"	0	0	0	0.0	0	0	0	0.0	102	2	21	0.1	22	0	0	1.2
Central	21	3	4	0.6	0	0	0	0.0	427	64	147	0.4	616	58	59	1.0
South	0	0	0	0.0	0	0	0	0.0	12	0	1	0.0	39	2	3	0.8
West	0	0	0	0.0	0	0	0	0.0	441	42	118	0.4	265	41	27	1.5
Wete	0	0	0	0.0	0	0	0	0.0	67	3	8	0.4	0	0	0	0.0
Micheweni	16	3	3	1.2	0	0	0	0.0	45	47	15	3.1	0	0	0	0.0
Chakechake	0	0	0	0.0	0	0	0	0.0	1069	114	301	0.4	45	5	3	1.4
Mkoani	0	0	0	0.0	0	0	0	0.0	44	1	6	0.2	0	0	0	0.0
Total	37	6	7	0.8	28	1	2	0.5	2313	386	703	0.5	1043	107	100	1.1

Continue...

Continue...

District	Turmeric				Bitter Aubergine				Onions				Ginger			
	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	188	41.9	28	1.5	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0
North "B"	0	0.0	0	0.0	90	84	9	9.3	0	0	0	0.0	0	0	0	0.0
Central	0	0.0	0	0.0	858	228	125	1.8	27	0	5	0.0	0	0	0	0.0
South	0	0.0	0	0.0	50	1	2	0.6	0	0	0	0.0	0	0	0	0.0
West	24	0.7	2	0.3	284	85	39	2.2	17	1	1	0.6	0	0	0	0.0
Wete	0	0.0	0	0.0	18	1	1	1.0	0	0	0	0.0	0	0	0	0.0
Micheweni	0	0.0	0	0.0	20	1	1	1.0	0	0	0	0.0	0	0	0	0.0
Chakechake	0	0.0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0
Mkoani	20	2.1	4	0.5	0	0	0	0.0	0	0	0	0.0	20	1	2	0.5
Total	232	45	34	1.3	1,320	401	178	2.2	44	1	7	0.1	20	1	2	0.5

Continue...

District	Cabbage				Tomatoes				Spinnach				Carrot			
	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tonnes)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0	0	0.0	2,446	633	442	1.4	0	0	0	0.0	0	0	0	0.0
North "B"	0	0	0	0.0	624	321	133	2.4	22	4	2	2.0	0	0	0	0.0
Central	25	1	1	0.6	4,280	3,370	1,131	3.0	56	3	6	0.5	0	0	0	0.0
South	0	0	0	0.0	861	254	162	1.6	0	0	0	0.0	0	0	0	0.0
West	42	14	3	5.3	1,049	259	217	1.2	17	0	0	6.2	29	2	2	1.0
Wete	0	0	0	0.0	845	191	170	1.1	0	0	0	0.0	0	0	0	0.0
Micheweni	0	0	0	0.0	327	145	65	2.2	0	0	0	0.0	0	0	0	0.0
Chakechake	0	0	0	0.0	198	92	20	4.6	0	0	0	0.0	0	0	0	0.0
Mkoani	0	0	0	0.0	99	115	30	3.8	0	0	0	0.0	0	0	0	0.0
Total	67	15	4	3.9	10,730	5,381	2,370	2.3	95	8	9	0.9	29	2	2	1.0

Continue...

District	Chillies				Amaranths				Pumpkins				Cucumber			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0	0	0.0	200	22	25	0.9	481	67	33	2.0	222	18	24	0.8
North "B"	64	3	13	0.2	368	127	46	2.8	21	3	2	1.4	186	527	123	4.3
Central	820	61	76	0.8	985	152	99	1.5	1468	661	270	2.5	1281	322	183	1.8
South	70	4	10	0.4	159	11	13	0.9	171	66	26	2.6	26	1	0	2.2
West	146	10	21	0.5	952	408	116	3.5	288	40	39	1.0	270	63	50	1.3
Wete	0	0	0	0.0	163	18	21	0.8	22	0	2	0.0	21	0	2	0.2
Micheweni	0	0	0	0.0	344	40	34	1.2	0	0	0	0.0	131	3	8	0.4
Chakechake	45	8	3	2.5	112	38	17	2.2	22	2	2	0.9	0	0	0	0.0
Mkoani	0	0	0	0.0	110	59	36	1.7	0	0	0	0.0	18	2	1	2.7
Total	1145	85	123	0.7	3394	875	407	2.2	2472	839	373	2.2	2154	936	390	2.4

District	Egg Plant				Water Mellon				Seaweed				Tobacco			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	659	278	127	2.2	0	0	0	0.0	2456	1520	416	3.7	56	2	13	0.1
North "B"	329	132	32	4.2	20	0	4	0.0	114	75	41	1.8	21	14	8	1.6
Central	2232	844	368	2.3	24	2	2	0.7	2132	2003	1722	1.2	0	0	0	0.0
South	475	75	78	1.0	0	0	0	0.0	1401	1090	169	6.5	0	0	0	0.0
West	671	129	72	1.8	58	7	6	1.1	182	84	44	1.9	0	0	0	0.0
Wete	81	4	4	0.9	0	0	0	0.0	137	59	49	1.2	0	0	0	0.0
Micheweni	207	14	19	0.7	0	0	0	0.0	685	231	111	2.1	44	4	10	0.4
Chakechake	89	28	9	3.2	157	61	27	2.2	0	0	0	0.0	0	0	0	0.0
Mkoani	43	5	5	1.0	22	9	0	32.9	200	466	28	16.4	0	0	0	0.0
Total	4786	1508	713	2.1	280	78	40	1.9	7308	5528	2579	2.1	121	19	32	0.6

Note: Number of households is an over estimated due to the double counting of households growing crops in both long and short rainy seasons.

7.07 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area with Annual Crops (ha) by Means of Soil Preparation and District, 2002/03 Agriculture Year-LONG and SHORT Rainy Seasons

District	Soil Preparation								Planted Area (ha) with no Soil Preparation
	Mostly Tractor Ploughing		Mostly Oxen Ploughing		Mostly Hand Cultivation		Total		
	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	3,424	1,687	29	6	14,319	6,233	14,080	7,926	3,294
North "B"	1,762	1,017	0	0	6,826	3,259	8,758	4,276	3,196
Central	1,468	838	28	11	11,142	7,412	11,145	8,261	2,019
South	146	23	0	0	3,975	1,222	4,196	1,246	607
West	522	304	20	4	9,026	3,163	10,379	3,472	2,723
Wete	971	462	0	0	12,542	5,357	12,088	5,819	5,626
Micheweni	69	19	0	0	12,908	4,628	13,093	4,647	6,652
Chakechake	1,409	768	0	0	8,769	3,317	10,011	4,084	4,414
Mkoani	1,126	537	0	0	10,844	4,008	12,472	4,545	5,470
Total		5,654	77	21		38,599	96,221	44,274	34,002

Note: the planted Area with no soil preparation is for cassava that was recorded as a permanent crop and later was switched to annual crop. Method of land preparation and land clearing were not recorded for permanent crops.

7.08 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Area Planted with Annual Crops (ha) by Type of Fertilizer Use and District, during 2002/03 Agriculture Year-LONG and Short Rainy Season

District	Fertilizer Use									
	Mostly Farm Yard Manure		Mostly Compost		Mostly Inorganic Fertilizer		No Fertilizer Applied		Total	
	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)	Number of Households	Planted Area(ha)	Crop Growing Household	Planted Area(ha)
North "A"	577	285	1,292	355	1,921	1,371	13,982	9,210	14,080	11,220
North "B"	412	243	86	37	1,039	725	7,051	6,467	8,758	7,471
Central	2,784	1,677	540	299	1,003	528	8,310	7,776	11,145	10,279
South	1,091	314	60	71	93	24	2,877	1,443	4,196	1,852
West	2,078	737	636	292	1,020	494	5,834	4,671	10,379	6,194
Wete	376	172	19	4	2,332	963	10,786	10,306	12,088	11,445
Micheweni	2,703	1,043	24	9	206	74	10,044	10,172	13,093	11,298
Chakechake	268	178	61	62	1,093	522	8,757	7,736	10,011	8,498
Mkoani	129	50	88	29	1,075	448	10,678	9,487	12,472	10,015
Total		4,699		1,159		5,149		67,269	96,221	78,274

Note: Number of households can only be used as a guide as it is based on a per crop basis and includes both long and short rainy season so some double counting exists.

7.0.9 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Area Planted with annual Crops (ha) by Irrigation Use and District During 2002/03 Agriculture Year LONG and SHORT Rainy Season

District	Irrigation Use						Percentage of Area Planted Under Irrigation
	Households Using Irrigation		Households Not Using Irrigation		Total		
	Number of Household	Planted Area(ha)	Number of Household	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	267	103	17,505	7,824	14,080	11,220	0.9
North "B"	344	212	8,244	4,064	8,758	7,471	2.8
Central	1,567	721	11,070	7,540	11,145	10,279	7.0
South	456	159	3,665	1,086	4,196	1,852	8.6
West	2,116	736	7,451	2,736	10,379	6,194	11.9
Wete	415	120	13,098	5,698	12,088	11,445	1.1
Micheweni	307	61	12,670	4,586	13,093	11,298	0.5
Chakechake	83	51	10,095	4,033	10,011	8,498	0.6
Mkoani	43	18	11,926	4,527	12,472	10,015	0.2
Total	5,598	2,181		42,093	96,221	78,274	2.8

7.0.10 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Area Planted with Annual Crops (ha) by Herbicide Use and District, during 2002/03 Agriculture Year LONG and SHORT Rainy Seasons

District	Herbicide Use						Percent Planted Area Using Herbicide
	Households Using Herbicide		Households Not Using Herbicide		Total		
	Number of Household	Planted Area(ha)	Number of Households	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	1,000	634	16,772	10,586	14,080	11,220	6
North "B"	541	389	8,046	7,083	8,758	7,472	5
Central	445	253	12,192	10,026	11,145	10,279	2
South	13	8	4,107	1,845	4,196	1,853	0
West	251	167	9,316	6,027	10,379	6,194	3
Wete	331	168	13,182	11,277	12,088	11,445	1
Micheweni	18	4	12,959	11,295	13,093	11,299	0
Chakechake	440	283	9,739	8,215	10,011	8,498	3
Mkoani	313	144	11,657	9,870	12,472	10,014	1
Total		2,050		76,224	96,221	78,274	3

Note: Number of households is an over estimated due to the double counting of households growing crops in both long and short rainy Seasons.

7.0.11 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Area Planted with Annual Crops (ha) by Fungicide Use and District, 2002/03 Agriculture Year LONG and SHORT Rainy Seasons.

District	Fungicide Use						Percent Planted Area Using Fungicide
	Households Using Fungicide		Households Not Using Fungicide		Total		
	Number of Household	Planted Area(ha)	Number of Household	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	28	6	17,744	11,215	14,080	11,220	0.05
North "B"	40	12	8,548	7,460	8,758	7,472	0.16
Central	105	33	12,532	10,247	11,145	10,280	0.32
South	0	0	4,121	1,853	4,196	1,853	0.00
West	25	2	9,542	6,193	10,379	6,195	0.03
Wete	21	4	13,492	11,440	12,088	11,445	0.04
Micheweni	18	4	12,959	11,295	13,093	11,299	0.03
Chakechake	0	0	10,179	8,498	10,011	8,498	0.00
Mkoani	20	4	11,950	10,011	12,472	10,015	0.04
Total	258	64		78,211	96,221	78,276	0.08

Note: Number of households is an over estimated due to the double counting of households growing crops in both long and short rainy Seasons.

7.0.12 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Area Planted with Annual Crops (ha) by Pesticide Use and District, 2002/03 Agriculture Year in LONG and SHORT Rainy Season

District	Pesticide Use						Percent Planted Area Using Pesticide
	Households Using Pesticide		Households Not Using Pesticide		Total		
	Number of Household	Planted Area(ha)	Number of Household	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	234	74	17,537	11,146	14,080	11,220	0.66
North "B"	241	190	8,347	7,282	8,758	7,472	2.54
Central	1,289	876	11,349	9,404	11,145	10,280	8.52
South	109	22	4,012	1,831	4,196	1,853	1.17
West	425	288	9,142	5,906	10,379	6,195	4.66
Wete	125	33	13,389	11,411	12,088	11,445	0.29
Micheweni	40	21	12,937	11,277	13,093	11,299	0.19
Chakechake	203	96	9,975	8,402	10,011	8,498	1.13
Mkoani	143	41	11,827	9,973	12,472	10,015	0.41
Total		1,642		76,633	96,221	78,276	2.10

Note: Number of households is an over estimated due to the double counting of households growing crops in both long and short rainy Seasons.

**7.0.13 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing
Households and Area Planted with Annual Crops by Improved Seed Use and District, 2002/03
Agriculture Year - LONG and SHORT Rainy Seasons**

District	Improved Seed Use						Planted Area (ha) with no Improved Seed Use Record
	Households Using Improved Seed		Households Not Using Improved Seed		Total		
	Number of Household	Planted Area(ha)	Number of Household	Planted Area(ha)	Crop Growing Household	Planted Area(ha)	
North "A"	3,843	1,815	13,928	6,111	14,080	7,926	3,294
North "B"	2,453	1,463	6,135	2,813	8,758	4,276	3,196
Central	5,791	4,104	6,847	4,157	11,145	8,261	2,019
South	1,319	329	2,802	916	4,196	1,246	607
West	2,514	1,006	7,053	2,466	10,379	3,472	2,723
Wete	3,149	1,452	10,364	4,366	12,088	5,819	5,626
Micheweni	1,711	411	11,266	4,236	13,093	4,647	6,652
Chakechake	1,035	519	9,143	3,565	10,011	4,084	4,414
Mkoani	2,794	1,064	9,176	3,481	12,472	4,545	5,471
Total		12,163		32,112	96,221	44,274	34,002

Note: The planted area with no improved seed is for cassava that was recorded as permanent Crops and later was switched to an annual crop. Method of improved seed use was not recorded for permanent crops.

ANNUAL CROP & VEGETABLE PRODUCTION – SHORT RAINY SEASON

7.1.1 ANNUAL CROP & VEGETABLE PRODUCTION: Number of Households, Area Planted (ha) and Quantity Harvested (tonnes) during Short Rainy Season and District, 2002/03 Agriculture Year

District	Maize				Paddy				Sorghum			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	2,049	264.3	368.9	0.7	53	4.1	18.8	0.2	535	30.1	75.4	0.4
North "B"	272	87.6	64.1	1.4	22	0.0	9.1	0.0	0	0.0	0.0	0.0
Central	1,028	395.9	245.2	1.6	228	79.2	84.3	0.9	22	1.2	2.2	0.5
South	198	45.0	27.6	1.6	0	0.0	0.0	0.0	10	3.0	1.0	3.0
West	829	282.4	183.2	1.5	567	148.7	128.0	1.2	16	0.0	0.3	0.0
Wete	192	39.4	35.0	1.1	0	0.0	0.0	0.0	19	1.5	1.0	1.5
Micheweni	22	3.2	2.2	1.4	0	0.0	0.0	0.0	62	5.4	12.3	0.4
Chakechake	182	28.8	31.9	0.9	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	188	61.0	39.6	1.5	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	4,958	1207.5	997.8	1.2	870	231.9	240.2	1.0	663	41.2	92.3	0.4

Continue...

District	Bulrush Millet				Sweet Potatoes				Yams			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	44	0.0	2.3	0.0	1,460	278	344	0.8	1,343	263	302.9	0.9
North "B"	0	0.0	0.0	0.0	1,027	551	415	1.3	18	28	3.2	8.6
Central	0	0.0	0.0	0.0	954	546	180	3.0	721	253	152.3	1.7
South	0	0.0	0.0	0.0	192	30	38	0.8	1,599	652	380.2	1.7
West	0	0.0	0.0	0.0	1,883	648	318	2.0	694	220	197.0	1.1
Wete	19	0.9	0.9	1.0	541	126	89	1.4	0	0.0	0.0	0.0
Micheweni	883	58.5	168.8	0.3	376	77	77	1.0	0	0.0	0.0	0.0
Chakechake	0	0.0	0.0	0.0	43	7	3	2.1	0	0.0	0.0	0.0
Mkoani	59	4.0	19.8	0.2	195	46	23	2.0	0	0.0	0.0	0.0
Total	1005	63.4	191.9	0.3	6,672	2,309	1,488	1.6	4,375	1,416	1,036	1.4

Continue...

District	Cocoyam				Mung Beans				Beans			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	319	22.6	35.0	0.6	79	1.7	5.9	0.3	27	1.2	11.0	0.1
North "B"	368	22.8	76.7	0.3	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Central	737	204.5	190.4	1.1	108	4.6	8.6	0.5	26	0.3	2.1	0.1
South	189	50.2	35.5	1.4	18	0.5	0.5	1.1	0	0.0	0.0	0.0
West	792	101.1	150.9	0.7	0	0.0	0.0	0.0	13	0.4	1.3	0.3
Wete	19	1.3	3.1	0.4	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Micheweni	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Chakechake	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	65	1.3	10.8	0.1	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	2,489	403.8	502.4	0.8	204	6.8	15.0	0.5	67	1.8	14.4	0.1

Continue...

District	Cowpeas				Green Gram				Simsim			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	2,986	62.5	418	0.1	1,848	41.0	227.0	0.2	28	0.8	1.7	0.5
North "B"	112	3.5	16	0.2	22	0.0	1.1	0.0	0	0.0	0.0	0.0
Central	361	19.4	56	0.3	448	63.3	95.2	0.7	0	0.0	0.0	0.0
South	150	4.0	18	0.2	307	16.1	47.7	0.3	0	0.0	0.0	0.0
West	83	6.5	23	0.3	24	0.2	9.8	0.0	0	0.0	0.0	0.0
Wete	2,655	88.5	618	0.1	409	5.9	64.8	0.1	0	0.0	0.0	0.0
Micheweni	421	10.1	92	0.1	22	0.1	0.9	0.1	0	0.0	0.0	0.0
Chakechake	1,796	50.9	463	0.1	181	7.2	43.5	0.2	0	0.0	0.0	0.0
Mkoani	1,221	121.5	329	0.4	41	0.0	2.1	0.0	0	0.0	0.0	0.0
Total	9,787	367.0	2,033	0.2	3,302	133.8	491.9	0.3	28	0.8	1.7	0.5

Continue...

District	Groundnuts				Okra				Radish			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	105	111.1	85.5	1.3	56	1.1	7.5	0.1	0	0.0	0.0	0.0
North "B"	42	0.8	8.6	0.1	22	0.1	0.1	1.2	0	0.0	0.0	0.0
Central	125	19.5	50.5	0.4	357	40.4	41.0	1.0	52	108.2	5.2	20.6
South	12	0.1	1.2	0.0	39	2.1	2.7	0.8	0	0.0	0.0	0.0
West	292	30.8	75.3	0.4	179	27.9	21.1	1.3	66	2.4	12.9	0.2
Wete	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Micheweni	23	0.7	4.6	0.1	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Chakechake	259	19.3	45.4	0.4	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	44	1.3	5.9	0.2	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	903	183.6	277.0	0.7	654	71.6	72.3	1.0	118	110.5	18.2	6.1

Continue...

District	Turmeric				Bitter Aubergine				Onions			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	89	20.7	11.8	1.8	0	0.0	0.0	0.0	0	0.0	0.0	0.0
North "B"	0	0.0	0.0	0.0	45	36.5	4.2	8.7	0	0.0	0.0	0.0
Central	0	0.0	0.0	0.0	506	89.4	78.9	1.1	0	0.0	0.0	0.0
South	0	0.0	0.0	0.0	50	1.4	2.5	0.6	0	0.0	0.0	0.0
West	24	0.7	2.5	0.3	176	48.3	26.1	1.9	17	0.9	1.4	0.6
Wete	0	0.0	0.0	0.0	18	1.5	1.5	1.0	0	0.0	0.0	0.0
Micheweni	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Chakechake	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	113	21.4	14.3	1.5	795	177.0	113.1	1.6	17	0.9	1.4	0.6

Continue...

District	Cabbage				Tomatoes				Spinnach			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	0.0	0.0	916	175	166	1.1	0	0.0	0.0	0.0
North "B"	0	0.0	0.0	0.0	251	146	56	2.6	0	0.0	0.0	0.0
Central	25	0.8	1.2	0.6	1,812	1,281	465	2.8	0	0.0	0.0	0.0
South	0	0.0	0.0	0.0	579	190	108	1.8	0	0.0	0.0	0.0
West	17	5.2	1.4	3.7	682	169	125	1.4	17	0.4	0.1	6.2
Wete	0	0.0	0.0	0.0	479	110	87	1.3	0	0.0	0.0	0.0
Micheweni	0	0.0	0.0	0.0	23	3	2	1.4	0	0.0	0.0	0.0
Chakechake	0	0.0	0.0	0.0	42	7	3	2.2	0	0.0	0.0	0.0
Mkoani	0	0.0	0.0	0.0	99	115	30	3.8	0	0.0	0.0	0.0
Total	42	6.0	2.6	2.3	4,884	2,197	1,043	2.1	17	0.4	0.1	6.2

Continue...

District	Carrot				Chillies				Amaranths			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	0.0	0.0	0	0.0	0.0	0.0	53	6.1	4.8	1.3
North "B"	0	0.0	0.0	0.0	0	0.0	0.0	0.0	251	115.6	34.1	3.4
Central	0	0.0	0.0	0.0	362	13.1	35.0	0.4	515	58.3	51.7	1.1
South	0	0.0	0.0	0.0	41	1.9	6.2	0.3	159	10.9	12.6	0.9
West	29	29.3	2.3	13.0	146	9.7	20.8	0.5	610	318.7	77.5	4.1
Wete	0	0.0	0.0	0.0	0	0.0	0.0	0.0	123	15.8	18.4	0.9
Micheweni	0	0.0	0.0	0.0	0	0.0	0.0	0.0	250	36.2	23.9	1.5
Chakechake	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	0	0.0	0.0	0.0	0	0.0	0.0	0.0	65	28.2	4.3	6.6
Total	29	29.3	2.3	13.0	550	24.6	62.1	0.4	2025	589.7	227.2	2.6

Continue...

District	Pumpkins				Cucumber				Egg Plant			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	376	46.1	23.9	1.9	152	5.9	18.2	0.3	101	59.3	14.4	4.1
North "B"	0	0.0	0.0	0.0	143	306.8	64.8	4.7	141	74.7	11.8	6.3
Central	637	211.4	104.5	2.0	648	184.1	108.5	1.7	1,059	401.2	169.0	2.4
South	119	56.7	18.7	3.0	26	0.7	0.3	2.2	379	48.0	64.4	0.7
West	152	19.2	26.7	0.7	147	26.5	22.2	1.2	443	119.4	48.9	2.4
Wete	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Micheweni	0	0.0	0.0	0.0	0	0.0	0.0	0.0	138	9.3	11.4	0.8
Chakechake	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	0	0.0	0.0	0.0	18	2.2	0.8	2.7	43	5.3	5.1	1.0
Total	1,285	333.4	173.8	1.9	1,133	526.1	214.9	2.4	2,303	717.3	325.1	2.2

Continue...

District	Water Mellon				Seaweed				Tobacco			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	0.0	0.0	1,474	757.6	257.9	2.9	0	0.0	0.0	0.00
North "B"	20	0.0	4.0	0.0	93	67.1	32.7	2.1	0	0.0	0.0	0.00
Central	0	0.0	0.0	0.0	1,000	871.6	821.9	1.1	0	0.0	0.0	0.00
South	0	0.0	0.0	0.0	734	729.8	92.3	7.9	0	0.0	0.0	0.00
West	43	6.8	6.3	1.1	158	55.0	41.1	1.3	0	0.0	0.0	0.00
Wete	0	0.0	0.0	0.0	137	58.9	48.7	1.2	0	0.0	0.0	0.00
Micheweni	0	0.0	0.0	0.0	549	157.9	82.4	1.9	22	1.0	1.3	0.76
Chakechake	90	29.3	18.1	1.6	0	0.0	0.0	0.0	0	0.0	0.0	0.00
Mkoani	22	8.9	0.3	32.9	0	0.0	0.0	0.0	0	0.0	0.0	0.00
Total	174	45.0	28.8	1.6	4,146	2,698	1377.0	2.0	22	1.0	1.3	0.76

7.1.2 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Means Used for Soil Preparation and District, 2002/03 Agriculture Year-SHORT RAINY SEASON

District	Soil Preparation					
	Mostly Tractor Ploughing		Mostly Hand Cultivation		Total	
	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area
North "A"	167	34	7,009	2,367	7,176	2,400
North "B"	0	0	1,879	801	1,879	801
Central	85	32	4,665	2,917	4,750	2,949
South	0	0	2,478	857	2,478	857
West	52	47	4,441	1,477	4,493	1,523
Wete	64	25	3,248	943	3,312	968
Micheweni	0	0	2,347	479	2,347	479
Chakechake	408	165	1,618	443	2,026	608
Mkoani	129	57	1,392	415	1,521	472
Total	904	360	29,079	10,698	29,982	11,058

7.1.3 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Fertilizer Use and District, 2002/03 Agriculture Year-SHORT RAINY SEASON

District	Fertilizer Use									
	Mostly Farm Yard Manure		Mostly Compost		Mostly Inorganic Fertilizer		No Fertilizer Applied		Total	
	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area
North "A"	211	75	790	231	214	111	5,960	1,984	7,176	2,400
North "B"	206	121	22	2	65	17	1,586	661	1,879	801
Central	1,630	796	172	86	184	75	2,764	1,992	4,750	2,949
South	812	228	60	46	12	3	1,594	580	2,478	857
West	1,187	452	386	145	315	102	2,606	824	4,493	1,523
Wete	166	42	0	0	443	136	2,703	790	3,312	968
Micheweni	644	156	0	0	0	0	1,703	323	2,347	479
Chakechake	45	32	0	0	43	14	1,938	562	2,026	608
Mkoani	44	17	0	0	0	0	1,477	454	1,521	472
Total	4,943	1,919	1,430	511	1,277	459	22,332	8,170	29,982	11,058

7.1.4 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area(ha) by Irrigation Use and District, 2002/03 Agriculture Year SHORT RAINY SEASON

District	Irrigation Use					
	Households Using Irrigation		Households Not Using Irrigation		Total	
	Number of Household	Planted Area	Number of Household	Planted Area	Number of Household	Planted Area
North "A"	165	57	7,011	2,344	7,176	2,400
North "B"	185	118	1,694	683	1,879	801
Central	1,096	492	3,654	2,457	4,750	2,949
South	334	131	2,144	726	2,478	857
West	1,201	439	3,292	1,084	4,493	1,523
Wete	351	92	2,961	876	3,312	968
Micheweni	112	12	2,235	467	2,347	479
Chakechake	19	2	2,007	606	2,026	608
Mkoani	43	14	1,477	458	1,521	472
Total	3,508	1,358	26,474	9,701	29,982	11,058

7.1.5 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area(ha) by Improved Seed Use and District, 2002/03 Agriculture Year - SHORT RAINY SEASON

District	Improved Seed					
	Households Using Improved Seed		Households Not Using Improved Seed		Total	
	Number of Household	Planted Area	Number of Household	Planted Area	Number of Household	Planted Area
North "A"	1,302	508	5,873	1,893	7,176	2,400
North "B"	402	187	1,477	615	1,879	801
Central	1,940	1,465	2,810	1,484	4,750	2,949
South	552	188	1,926	670	2,478	857
West	1,118	432	3,375	1,091	4,493	1,523
Wete	855	293	2,457	675	3,312	968
Micheweni	568	88	1,779	391	2,347	479
Chakechake	275	90	1,751	518	2,026	608
Mkoani	208	71	1,313	401	1,521	472
Total	7,220	3,321	22,762	7,737	29,982	11,058

**7.1.6 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area by Herbicide Use and District, 2002/03 Agriculture Year
SHORT RAINY SEASON**

District	Herbicide Use					
	Households Using Herbicide		Households Not Using Herbicide		Total	
	Number	Planted Area	Number	Planted Area	Number	Planted Area
North "A"	23	14	7,153	2,387	7,176	2,400
North "B"	0	0	1,879	801	1,879	801
Central	0	4	4,754	2,945	4,750	2,949
South	0	0	2,478	857	2,478	857
West	16	3	4,477	1,520	4,493	1,523
Wet	0	0	3,312	968	3,312	968
Micheweni	0	0	2,347	479	2,347	479
Chakechake	0	0	2,026	608	2,026	608
Mkoani	0	0	1,521	472	1,521	472
Total	39	21	29,948	11,037	29,982	11,058

**7.1.7 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area(ha) by Pesticide Use and District, 2002/03 Agriculture Year in
SHORT RAINY SEASON**

District	Pesticide Use					
	Households Using Pesticide		Households Not Using Pesticide		Total	
	Number	Planted Area	Number	Planted Area	Number	Planted Area
North "A"	51	19	7,125	2,381	7,176	2,400
North "B"	59	42	1,820	759	1,879	801
Central	642	339	4,107	2,610	4,750	2,949
South	83	18	2,395	839	2,478	857
West	186	156	4,307	1,367	4,493	1,523
Wete	42	11	3,270	957	3,312	968
Micheweni	0	.	2,347	479	2,347	479
Chakechake	113	41	1,913	567	2,026	608
Mkoani	22	1	1,499	470	1,521	472
Total	1,199	628	28,783	10,431	29,982	11,058

**7.1.8 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing
Households and Planted Area by Fungicide Use and District, 2002/03 Agriculture Year SHORT
RAINY SEASON**

District	Fungicide Use					
	Households Using Fungicide		Households Not Using Fungicide		Total	
	Number	Planted Area	Number	Planted Area	Number	Planted Area
North "A"	0	0	7,176	2,400	7,176	2,400
North "B"	20	4	1,859	797	1,879	801
Central	25	8	4,725	2,942	4,750	2,949
South	0	0	2,478	857	2,478	857
West	0	0	4,493	1,523	4,493	1,523
Wete	0	0	3,312	968	3,312	968
Micheweni	0	0	2,347	479	2,347	479
Chakechake	0	0	2,026	608	2,026	608
Mkoani	0	0	1,521	472	1,521	472
Total	45	12	29,937	11,047	29,982	11,058

ANNUAL CROP & VEGETABLE PRODUCTION – LONG RAINY SEASON

**7.2.1 TOTAL ANNUAL CROP AND VEGETABLE PRODUCTION:
Number of Crop Growing Households Planting Crops in the Long Rainy
Season by District, during 2002/03 Agriculture Year**

District	Long Rainy Season				
	Households Growing Crops		Crops Growing Households NOT Growing Crops		Total Number of Crop Growing Crops
	Number	%	Number	%	Number
North 'A'	10,596	75	3,515	25	14,110
North 'B'	6,709	76	2,069	24	8,778
Central	7,887	71	3,257	29	11,145
South	1,642	39	2,592	61	4,234
West	5,074	48	5,454	52	10,527
Wete	10,201	84	1,907	16	12,108
Micheweni	10,630	81	2,487	19	13,117
Chakechake	8,152	81	1,878	19	10,031
Mkoani	10,449	84	2,023	16	12,472
Total	71,341	74	25,181	26	96,522

**7.2.2 ANNUAL CROP AND VEGETABLE PRODUCTION: Area Planted (ha) in the Long Rainy
Season by District, 2002/03 Agriculture Year**

District	Long Rainy Season		Total Planted Area(ha)
	Planted Area(ha)		
	Hectare	%	
North 'A'	8,820	79	11,220
North 'B'	6,670	89	7,471
Central	7,330	71	10,279
South	995	54	1,852
West	4,671	75	6,194
Wete	10,477	92	11,445
Micheweni	10,819	96	11,298
Chakechake	7,890	93	8,498
Mkoani	9,543	95	10,015
Total	67,216	86	78,274

7.2.3 ANNUAL CROP & VEGETABLE PRODUCTION: Number of Households, Area Planted (ha) and Quantity Harvested (tonnes) during Long Rainy Season and District, 2002/03 Agriculture Year

District	Maize				Paddy				Sorghum			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	3,622	473.8	686.0	0.7	6,241	1590.4	2,838	0.6	428	30.3	71.0	0.4
North "B"	329	201.7	107.8	1.9	5,592	705.4	2,549	0.3	21	1.3	2.1	0.6
Central	1,709	952.2	511.2	1.9	2,699	488.6	1,211	0.4	63	4.6	17.3	0.3
South	205	39.0	37.1	1.1	240	28.1	43	0.7	0	0.0	0.0	0.0
West	415	122.2	59.1	2.1	2,816	456.7	1,079	0.4	0	0.0	0.0	0.0
Wete	529	71.8	143.3	0.5	10,008	1832.9	4,385	0.4	205	37.2	40.4	0.9
Micheweni	22	12.9	6.8	1.9	7,706	1237.1	2,361	0.5	1,290	162.7	307.3	0.5
Chakechake	296	59.7	50.8	1.2	8,023	1410.7	3,009	0.5	90	5.2	11.6	0.4
Mkoani	91	4.3	39.5	0.1	10,356	2376.6	3,899	0.6	0	0.0	0.0	0.0
Total	7,218	1,938	1,642	1.2	53,680	10,127	21,374	0.5	2,097	241	450	0.5

Continue...

District	Bulrush Millet				Sweet Potatoes				Yams			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	29.5	0.0	3,286	739	710	1.0	614	70.6	109.4	0.6
North "B"	0	0.0	0.0	0.0	1,130	1,233	498	2.5	98	24.8	24.3	1.0
Central	0	0.0	30.8	0.0	3,033	1,641	859	1.9	372	104.3	96.3	1.1
South	0	0.0	0.2	0.0	165	17	26	0.6	408	215.6	84.7	2.5
West	0	0.0	0.0	0.0	1,894	702	351	2.0	446	138.5	105.2	1.3
Wete	164	22.5	0.0	0.0	628	103	96	1.1	96	10.1	19.6	0.5
Micheweni	475	64.0	0.0	0.0	4,813	1,445	1138	1.3	131	0.6	21.3	0.0
Chakechake	0	0.0	0.0	0.0	216	62	50	1.2	0	0.0	0.0	0.0
Mkoani	18	1.8	0.0	0.0	88	16	16	1.0	39	44.1	6.2	7.1
Total	657	88	61	1.5	15,253	5,958	3,743	1.6	2,205	609	467	1.3

Continue...

District	Cocoyam				Mung Beans				Beans			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	361	15.4	55.3	0.3	244.6	7.8	29.5	0.3	0	0.0	0.0	0.0
North "B"	183	68.1	58.0	1.2	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Central	1,184	175.1	227.1	0.8	59.8	2.0	30.8	0.1	28	1.4	5.7	0.2
South	54	9.7	14.6	0.7	7.6	0.0	0.2	0.0	0	0.0	0.0	0.0
West	747	120.0	87.1	1.4	0.0	0.0	0.0	0.0	13	0.2	1.3	0.2
Wete	40	1.3	6.1	0.2	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Micheweni	262	4.9	47.7	0.1	0.0	0.0	0.0	0.0	66	0.7	7.2	0.1
Chakechake	22	1.0	1.9	0.5	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Mkoani	170	11.9	28.6	0.4	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	3,022	407	526	0.8	312	10	61	0.2	107	2	14	0.2

Continue...

District	Cowpeas				Green Gram				Bambaranuts			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	1,530	59.0	274	0.2	1,249	22.7	142.8	0.2	0	0.0	0.0	0.0
North "B"	107	11.7	16	0.7	21	2.5	2.1	1.2	0	0.0	0.0	0.0
Central	411	32.5	65	0.5	90	1.3	15.4	0.1	21	2.6	4.3	0.6
South	53	5.9	12	0.5	78	8.1	15.1	0.5	0	0.0	0.0	0.0
West	20	0.6	4	0.2	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Wete	158	2.8	32	0.1	20	0.0	4.0	0.0	0	0.0	0.0	0.0
Micheweni	267	6.8	47	0.1	20	0.1	0.6	0.2	16	3.2	2.6	1.2
Chakechake	114	13.8	30	0.5	45	2.4	6.8	0.4	0	0.0	0.0	0.0
Mkoani	54	1.3	12	0.1	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	2,714	134	493	0.3	1,522	37	187	0.2	37	6	7	0.8

Continue..

District	Groundnuts				Okra				Radish			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
North "B"	59	1.6	12.0	0.1	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Central	302	44.7	96.7	0.5	258.6	18.0	17.8	1.0	0	0.0	0.0	0.0
South	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
West	149	11.6	42.5	0.3	86.4	12.9	6.2	2.1	24	0.9	2.5	0.3
Wete	67	3.4	8.3	0.4	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Micheweni	22	46.8	10.7	4.4	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Chakechake	811	94.7	255.9	0.4	44.5	4.9	3.4	1.4	0	0.0	0.0	0.0
Mkoani	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	1,410	203	426	0.5	389	36	27	1.3	24	1	2	0.3

Continue...

District	Turmeric				Bitter Aubergine				Onions			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	99	21.2	15.9	1.3	0	0.0	0.0	0.0	0.0	0.00	0.0	0.0
North "B"	0	0.0	0.0	0.0	45	47.4	4.8	9.8	0.0	0.00	0.0	0.0
Central	0	0.0	0.0	0.0	352	139.0	46.2	3.0	26.5	0.00	5.4	0.0
South	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.00	0.0	0.0
West	0	0.0	0.0	0.0	108	36.4	13.3	2.7	0.0	0.00	0.0	0.0
Wete	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.00	0.0	0.0
Micheweni	0	0.0	0.0	0.0	20	1.0	1.0	1.0	0.0	0.00	0.0	0.0
Chakechake	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.00	0.0	0.0
Mkoani	20	2.1	3.9	0.5	0	0.0	0.0	0.0	0.0	0.00	0.0	0.0
Total	118	23	20	1.2	525	224	65	3.4	27	0.00	5	0.0

Continue...

District	Ginger				Cabbage				Tomato			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,530	459	276	1.7
North "B"	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	373	175	77	2.3
Central	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,469	2,089	665	3.1
South	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281	64	54	1.2
West	0.0	0.0	0.0	0.0	24.2	9.1	1.3	7.1	367	90	92	1.0
Wete	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	366	80	83	1.0
Micheweni	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304	141	63	2.2
Chakechake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156	86	17	5.0
Mkoani	19.7	1.0	2.0	0.5	0.0	0.0	0.0	0.0	0	0	0	0.0
Total	20	1	2	0.5	24	9	1	7.1	5,846	3,184	1,327	2.4

Continue...

District	Spinnaach				Chillies				Amaranths			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0	0.0	0.0	0.0	0	0.0	0.0	0.0	147	15.6	19.8	0.8
North "B"	22	4.5	2.3	2.0	64	2.7	12.8	0.2	117	11.9	11.9	1.0
Central	56	3.1	6.3	0.5	457	48.1	40.9	1.2	471	93.4	47.7	2.0
South	0	0.0	0.0	0.0	29	1.9	3.9	0.5	0	0.0	0.0	0.0
West	0	0.0	0.0	0.0	0	0.0	0.0	0.0	342	89.7	38.9	2.3
Wete	0	0.0	0.0	0.0	0	0.0	0.0	0.0	41	1.7	2.9	0.6
Micheweni	0	0.0	0.0	0.0	0	0.0	0.0	0.0	95	4.1	10.2	0.4
Chakechake	0	0.0	0.0	0.0	45	7.8	3.2	2.5	112	38.0	16.9	2.2
Mkoani	0	0.0	0.0	0.0	0	0.0	0.0	0.0	44	31.0	31.3	1.0
Total	78	8	9	0.9	595	61	61	1.0	1,369	285	180	1.6

Continue..

District	Pumpkins				Cucumber				Egg Plant			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	105	21.2	9.2	2.3	70	12.6	6.0	2.1	558	218.7	112.5	1.9
North "B"	21	2.9	2.1	1.4	43	220.0	58.0	3.8	188	57.3	19.8	2.9
Central	831	449.2	165.0	2.7	633	138.0	74.4	1.9	1173	442.6	198.9	2.2
South	52	9.5	7.0	1.3	0	0.0	0.0	0.0	96	27.0	13.8	2.0
West	136	21.0	12.3	1.7	124	36.5	27.7	1.3	228	9.5	22.9	0.4
Wete	22	0.0	2.2	0.0	21	0.4	1.7	0.2	81	3.6	3.8	0.9
Micheweni	0	0.0	0.0	0.0	131	3.0	7.7	0.4	69	4.4	7.4	0.6
Chakechake	22	1.6	1.8	0.9	0	0.0	0.0	0.0	89	27.7	8.7	3.2
Mkoani	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Total	1,187	505	200	2.5	1,021	410	175	2.3	2,483	791	388	2.0

Continue..

District	Water Mellon				Seaweed				Tobacco			
	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)	Number of Households	Quantity Harvested (tons)	Area Planted (ha)	Yield (tonnes/ha)
North "A"	0.0	0.0	0.0	0.0	982	762.5	158.1	4.8	56.4	1.7	13.5	0.1
North "B"	0.0	0.0	0.0	0.0	21	7.8	8.4	0.9	20.9	13.6	8.4	1.6
Central	23.7	1.7	2.4	0.7	1131	1131.3	900.1	1.3	0.0	0.0	0.0	0.0
South	0.0	0.0	0.0	0.0	667	360.5	76.3	4.7	0.0	0.0	0.0	0.0
West	15.0	0.0	0.2	0.0	24	28.7	2.4	11.9	0.0	0.0	0.0	0.0
Wete	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Micheweni	0.0	0.0	0.0	0.0	136	73.0	28.8	2.5	21.8	2.7	8.8	0.3
Chakechake	67.3	31.6	9.1	3.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mkoani	0.0	0.0	0.0	0.0	200	466.5	28.4	16.4	0.0	0.0	0.0	0.0
Total	106	33	12	2.8	3,162	2,830	1,202	2.4	99	18	31	0.6

7.2.4 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Means Used for Soil Preparation and District, during 2002/03 Agriculture Year-LONG RAINY SEASON

District	Soil Preparation							
	Mostly Tractor Ploughing		Mostly Oxen Ploughing		Mostly Hand Cultivation		Total	
	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area
North 'A'	3,258	1,654	0	0	7,338	3,873	10,596	5,526
North 'B'	1,762	1,017	0	0	4,946	2,458	6,709	3,474
Central	1,383	806	28	20.7	6,477	4,494	7,887	5,311
South	146	23	0	0	1,497	365	1,642	388
West	470	258	20	12.1	4,584	1,687	5,074	1,948
Wete	907	436	0	0	9,294	4,414	10,201	4,851
Micheweni	69	19	0	0	10,561	4,149	10,630	4,167
Chakechake	1,001	602	0	0	7,151	2,874	8,152	3,476
Mkoani	997	480	0	0	9,452	3,593	10,449	4,073
Total	9,993	5,294	48	32.9	61,301	27,906	71,341	33,216

7.2.5 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Fertilizer Use and District, during 2002/03 Agriculture Year-LONG RAINY SEASON

District	Fertilizer Use									
	Mostly Farm Yard Manure		Mostly Compost		Mostly Inorganic Fertilizer		No Fertilizer Applied		Total	
	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area	Number of Households	Planted Area
North 'A'	366	209	502	124	1,707	1,260	8,021	3,932	10,596	5,526
North 'B'	206	121	64	35	974	708	5,465	2,610	6,709	3,474
Central	1,155	880	368	213	819	453	5,545	3,765	7,887	5,311
South	279	86	0	24	81	21	1,283	256	1,642	388
West	891	285	250	147	704	392	3,228	1,124	5,074	1,948
Wete	211	131	19	4	1,889	826	8,083	3,890	10,201	4,851
Micheweni	2,060	887	24	9	206	74	8,340	3,197	10,630	4,167
Chakechake	223	147	61	62	1,050	507	6,819	2,761	8,152	3,476
Mkoani	85	33	88	29	1,075	448	9,201	3,563	10,449	4,073
Total	5,476	2,780	1,375	648	8,504	4,691	55,986	25,098	71,341	33,216

7.2.6 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Irrigation Use and District, during 2002/03 Agriculture Year LONG RAINY SEASON

District	Irrigation Use						% of Area Planted Under Irrigation in Long Rainy Season
	Number of Households Using Irrigation	Planted Area (ha) with Irrigation	Number of Households NOT Using Irrigation	Planted Area (ha) with No Irrigation	Number of Household	Planted Area	
North 'A'	102	46	10,493	8,774	10,596	8,820	0.5
North 'B'	159	94	6,550	6,576	6,709	6,670	1.4
Central	471	229	7,417	7,101	7,887	7,330	3.1
South	121	28	1,521	967	1,642	995	2.8
West	914	297	4,159	4,374	5,074	4,671	6.4
Wete	64	29	10,138	10,448	10,201	10,477	0.3
Micheweni	195	48	10,436	10,771	10,630	10,819	0.4
Chakechake	64	49	8,089	7,841	8,152	7,890	0.6
Mkoani	0	4	10,449	9,539	10,449	9,543	0.0
Total	2,090	824	69,251	66,392	71,341	67,216	1.2

7.2.7 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Improved Seed Use and District, during 2002/03 Crop Year - LONG RAINY SEASON

District	Improved Seed						% of Area Planted Using Improved Seed
	Number of Households Using Improved Seed	Planted Area (ha) with Proved Seed	Number of Households NOT Using Improved Seed	Planted Area (ha) with NO Proved Seed	Total Number of Households Planting in MASIKA	Total Planted Area (ha) in MASIKA	
North 'A'	2,541	1,308	8,055	7,512	10,596	8,820	14.8
North 'B'	2,051	1,276	4,658	5,394	6,709	6,670	19.1
Central	3,851	2,638	4,037	4,692	7,887	7,330	36.0
South	766	142	876	853	1,642	995	14.2
West	1,396	574	3,677	4,097	5,074	4,671	12.3
Wete	2,294	1,159	7,907	9,318	10,201	10,477	11.1
Micheweni	1,144	323	9,486	10,496	10,630	10,819	3.0
Chakechake	760	429	7,392	7,461	8,152	7,890	5.4
Mkoani	2,585	993	7,864	8,550	10,449	9,543	10.4
Total	17,389	8,842	53,952	58,374	71,341	67,216	13.2

7.2.8 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Herbicide Use and District, during 2002/03 Agriculture Year LONG RAINY SEASON

District	Herbicide Use					
	Households Using Herbicide		Households Not Using Herbicide		Total	
	Number of Household	Planted Area	Number of Household	Planted Area	Number of Household	Planted Area
North 'A'	977	620	9,619	8,200	10,596	8,820
North 'B'	541	389	6,167	6,281	6,709	6,670
Central	445	249	7,442	7,081	7,887	7,330
South	13	8	1,629	987	1,642	995
West	235	164	4,838	4,507	5,074	4,671
Wete	331	168	9,870	10,309	10,201	10,477
Micheweni	18	4	10,612	10,815	10,630	10,819
Chakechake	440	283	7,713	7,607	8,152	7,890
Mkoani	313	144	10,136	9,399	10,449	9,543
Total	3,315	2,029	68,026	65,187	71,341	67,216

7.2.9 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Pesticide Use and District, during 2002/03 Agriculture Year LONG RAINY SEASON

District	Pesticide Use					
	Households Using Pesticide		Households Not Using Pesticide		Total	
	Number of Household	Planted Area	Number of Household	Planted Area	Number of Household	Planted Area
North 'A'	183	55	10,412	8,765	10,596	8,820
North 'B'	182	148	6,527	6,522	6,709	6,670
Central	646	537	7,241	6,793	7,887	7,330
South	25	3	1,617	992	1,642	995
West	239	132	4,835	4,539	5,074	4,671
Wete	82	22	10,119	10,455	10,201	10,477
Micheweni	40	21	10,590	10,798	10,630	10,819
Chakechake	91	56	8,062	7,834	8,152	7,890
Mkoani	121	40	10,328	9,503	10,449	9,543
Total	1,609	1,014	69,732	66,202	71,341	67,216

7.2.10 ANNUAL CROP AND VEGETABLE PRODUCTION: Number of Crop Growing Households and Planted Area (ha) by Fungicide Use and District During 2002/03 Agriculture Year LONG RAINY SEASON

District	Fungicide Use					
	Households Using Fungicide		Households Not Using Fungicide		Total	
	Number of Household	Planted Area	Number of Household	Planted Area	Number of Household	Planted Area
North 'A'	28	6	10,568	8,814	10,596	8,820
North 'B'	20	8	6,689	6,662	6,709	6,670
Central	80	25	7,807	7,305	7,887	7,330
South	0	0	1,642	995	1,642	995
West	25	2	5,048	4,669	5,074	4,671
Wete	21	4	10,180	10,473	10,201	10,477
Micheweni	18	4	10,612	10,815	10,630	10,819
Chakechake	0	0	8,152	7,890	8,152	7,890
Mkoani	20	4	10,429	9,539	10,449	9,543
Total	213	53	71,128	67,163	71,341	67,216

PERMANENT CROP PRODUCTION

7.3.1 PERMANENT CROPS: Number of Households Planting Permanent Crops by District, during 2002/03 Agriculture Year

District	Does your Household have any Permanent / Perennial Crops or Fruit Trees				
	Have Permanent Crops/Fruits Trees		Household With No Permanent Crops/Fruits Trees		Total
	Number	%	Number	%	Number
North "A"	12,616	89	1,494	11	14,110
North "B"	8,284	94	494	6	8,778
Central	10,218	92	926	8	11,145
South	4,058	96	177	4	4,234
West	9,958	95	569	5	10,527
Wete	11,880	98	228	2	12,108
Micheweni	13,026	99	91	1	13,117
Chakechake	9,764	97	266	3	10,031
Mkoani	12,019	96	453	4	12,472
Total	91,824	95	4,699	5	96,522

**7.3.2 PERMANENT CROPS: Number of Households, Area Planted, Quantity Harvested
by Type of Crop and District, during 2002/03 Agriculture Year**

Crop	Total Area Planted (ha) Mono + Mixed Area		Quantity Harvested (tons)	Yield (t/ha)	Yield (kg/ha)
	Number of Households	Planted Area(ha)			
Sour Soup	107	3	8	2.97	2,972
Black Pepper	352	29	22	0.78	783
Pigeon Peas	3,570	792	313	0.40	396
Malay Apple	528	26	139	5.45	5,452
Star Fruit	1,130	179	558	3.12	3,125
Coconut	18,739	6,730	13,938	2.07	2,071
Cashewnut	28	1	6	4.32	4,323
Kapok	215	6	4	0.72	717
Sugarcane	919	329	2,644	8.05	8,047
Tamarin	39	1	1	2.07	2,067
Cinamon	110	7	4	0.47	472
Nutmeg	26	2	0	0.00	0
Cloves	10,106	4,681	3,721	0.80	795
Mshelisheli	1,377	84	1,864	22.25	22,246
Pomelo	131	6	12	2.00	2,002
Jack Fruit	3,242	185	2,438	13.15	13,147
Mpesheni	302	36	81	2.26	2,259
Banana	53,701	13,572	43,792	3.23	3,227
Avocado	166	13	16	1.20	1,197
Mango	9,763	1,732	6,546	3.78	3,781
Pawpaw	1,903	142	1,913	13.49	13,494
Pineapple	3,655	960	3,536	3.68	3,683
Orange	7,541	1,711	8,283	4.84	4,841
Grape Fruit	114	3	10	3.99	3,990
Mandarine/Tangerine	2,026	199	972	4.89	4,890
Guava	85	14	138	10.10	10,105
Lime/Lemon	3,606	496	1,619	3.26	3,261
Durian	474	20	80	3.97	3,973
Bilimbi	267	15	111	7.54	7,540
Rambutan	1,534	150	504	3.36	3,362
Total	125,756	32,120	93,274	138	138,219

7.3.3 PERMANENT CROPS: Mono and Mixed Crops by Area Planted, Area Harvested and Quantity Harvested by Type of Crop and District, during 2002/03 Agriculture Year

Crop	District	Area of Plants/Trees/Bushes in Mono Crop (ha)		Area Covered by Permanent Crops in a Mixed Crop (ha)		Quantity Harvested (tons)
		Number of Households	Planted Area	Number of Households	Planted Area	Quantity(t/ha)
Black Pepper	North "A"	0	0.0	25	0.1	2.1
	North "B"	0	0.0	0	0.0	0.0
	Central	0	0.0	184	3.9	11.9
	South	0	0.0	0	0.0	0.0
	West	19	7.7	101	15.8	7.2
	Wete	0	0.0	0	0.0	1.2
	Micheweni	0	0.0	0	0.0	0.0
	Chakechake	0	0.0	0	0.0	0.0
	Mkoani	22	1.2	0	0.0	0.0
	Total		41.3	8.9	310.3	19.8
Pigeon Peas	North "A"	1326	384.3	678	147	130.0
	North "B"	40	10.2	16	0	4.3
	Central	27	10.9	400	60	57.7
	South	176	29.6	657	118	111.4
	West	63	11.5	164	16	7.0
	Wete	0	0.0	0	0	0.0
	Micheweni	0	0.0	23	5	3.0
	Chakechake	0	0.0	0	0	0.0
	Mkoani	0	0.0	0	0	0.0
	Total		1,631.9	446.5	1,938.1	345.3
Coconut	North "A"	120	27.6	1,637	487	634
	North "B"	293	125.9	733	404	1,091
	Central	223	210.3	3,972	1,041	3,313
	South	80	17.4	1,046	164	327
	West	176	49.2	1,227	816	2,940
	Wete	1,122	218.3	1,994	363	1,920
	Micheweni	1,699	715.3	2,328	549	2,783
	Chakechake	406	596.5	624	276	472
	Mkoani	632	601.1	427	67	458
	Total		4,751.0	2,561.6	13,987.8	4,168.6

7.3.4 PERMANENT CROPS: Mono and Mixed Crops by Area Planted, Area Harvested and Quantity Harvested by Type of Crop and District, during 2002/03 Agriculture Year

Crop	District	Area of Plants/Trees/Bushes in Mono Crop (ha)		Area Covered by Permanent Crops in a Mixed Crop (ha)		Quantity Harvested (tons)
		Number of Households	Planted Area	Number of Households	Planted Area	Quantity(t/ha)
Sugarcane	North "A"	49	12.7	148	35.9	221
	North "B"	45	18.4	196	43.5	859
	Central	109	138.4	147	22.8	1342
	South	0	0.0	0	0.0	0
	West	32	2.6	19	0.7	179
	Wete	16	3.3	0	0.0	10
	Micheweni	91	45.6	23	0.0	27
	Chakechake	24	2.4	0	0.0	0
	Mkoani	21	2.2	0	0.0	6
	Total		387	225.6	532	102.9
Cloves	North "A"	26	8.0	431	81.4	216
	North "B"	178	61.1	222	307.5	125
	Central	27	32.6	862	188.1	174
	South	0	0.0	0	0.0	0
	West	38	0.0	442	62.8	36
	Wete	893	406.9	582	274.4	465
	Micheweni	775	421.0	666	232.5	706
	Chake	1,656	926.3	448	310.9	940
	Mkoani	1,843	1178.9	570	188.3	1059
	Total		5,437	3035	4,222.2	1,645.8
Orange	North "A"	45	4.6	871	124.4	417
	North "B"	45	6.9	370	38.7	166
	Central	89	35.6	3884	1083.6	4872
	South	26	6.9	714	122.9	273
	West	116	5.4	1024	243.5	1589
	Wete	0	0.0	100	9.6	51
	Micheweni	24	7.2	44	4.8	16
	Chakechake	46	9.3	42	3.2	270
	Mkoani	20	2.0	80	2.4	629
	Total		411	77.8	7,129.7	1,633.2
Banana	North "A"	2,945	783	2,872	1,110	4,974
	North "B"	2,030	560	2,034	637	6,169
	Central	1,402	601	5,044	1,121	4,958
	South	436	158	955	115	1,053
	West	2,517	562	3,760	925	6,166
	Wete	3,433	914	4,027	845	4,637
	Micheweni	2,072	396	3,969	878	2,323
	Chakechake	3,978	1,075	3,300	586	5,698
	Mkoani	5,432	1,468	3,497	838	7,814
	Total		24,244	6,516.2	29,457.2	7,056

7.3.5 PERMANENT CROPS: Mono and Mixed Crops by Area Planted, Area Harvested and Quantity Harvested by Type of Crop and District, during 2002/03 Agriculture Year

Crop	District	Area of Plants/Trees/Bushes in Mono Crop (ha)		Area Covered by Permanent Crops in a Mixed Crop (ha)		Quantity Harvested (tons)
		Number of Households	Planted Area	Number of Households	Planted Area	Quantity(t/ha)
Mango	North "A"	81	7.6	1,846	615.6	1,007
	North "B"	66	6.1	535	62.7	753
	Central	26	0.0	3,150	460.2	2,046
	South	0	0.0	838	73.8	286
	West	75	4.4	881	53.5	359
	Wete	121	22.9	947	140.0	955
	Micheweni	24	4.9	349	44.6	186
	Chake	185	37.8	328	137.3	379
	Mkoani	38	2.6	272	57.5	575
	Total		617	86.3	9,146	1,645.2
Orange	North "A"	45	4.6	871	124.4	417
	North "B"	45	6.9	370	38.7	166
	Central	89	35.6	3884	1083.6	4,872
	South	26	6.9	714	122.9	273
	West	116	5.4	1024	243.5	1,589
	Wete	0	0.0	100	9.6	51
	Micheweni	24	7.2	44	4.8	16
	Chake	46	9.3	42	3.2	270
	Mkoani	20	2.0	80	2.4	629
	Total		411	77.8	7,129.7	1,633.2

SECONDARY PRODUCTS

7.4.1 SECONDARY PRODUCTS: Number of Crop Growing Households Utilising Secondary Products and District, , 2002/03 Agriculture Year

District	Households Using Secondary Products		Households that do not Using Secondary Products		Total
	Number	%	Number	%	
North "A"	1,025	7	13,055	93	14,080
North "B"	235	3	8,523	97	8,758
Central	1,018	9	10,127	91	11,145
South	524	12	3,672	88	4,196
West	1,314	13	9,065	87	10,379
Wete	2,058	17	10,030	83	12,088
Micheweni	6,119	47	6,974	53	13,093
Chakechake	2,322	23	7,689	77	10,011
Mkoani	330	3	12,142	97	12,472
Total	14,945	16	81,276	84	96,221

7.4.2 SECONDARY PRODUCTS: Number of Crop Growing Households by Main Secondary Product and District, 2002/03 Agriculture Year

District	Green Leaves & Stem	Straw, Dry Stems	Root/ Tuber	Other	Total
North "A"	568	452	0	5	1,025
North "B"	86	22	82	45	235
Central	513	184	27	294	1,018
South	218	84	209	14	524
West	912	37	306	59	1,314
Wete	1,791	39	128	100	2,058
Micheweni	4,548	232	847	493	6,119
Chakechake	1,998	23	214	87	2,322
Mkoani	330	0	0	0	330
Total	10,964	1,074	1,812	1,096	14,945

7.4.3 SECONDARY PRODUCTS: Number of Crop Growing Households by Main Secondary Product Use and District, 2002/03 Agriculture Year

District	Type of Main Secondary Product Use					
	Feeding to Livestock	Building Material	Fuel for Cooking	Consumed by Household	Sold	Total
North "A"	264	0	216	545	0	1,025
North "B"	190	0	22	0	22	235
Central	348	0	391	278	0	1,018
South	266	0	88	162	8	524
West	570	0	64	665	16	1,314
Wete	417	0	119	1,503	19	2,058
Micheweni	1,511	79	600	3,929	0	6,119
Chakechake	581	0	46	1,608	87	2,322
Mkoani	0	0	0	330	0	330
Total	4,147	79	1,546	9,021	152	14,945

7.4.4 SECONDARY PRODUCTS: Number of Crop Growing Households by Main Secondary Product Use and District, 2002/03 Agriculture Year

District	Type of Main Secondary Product Use					
	Feeding to Livestock	Building Material	Fuel for Cooking	Used by Household	Sold	Total
North "A"	264	0	216	545	0	1,025
North "B"	190	0	22	0	22	235
Central	348	0	391	278	0	1,018
South	266	0	88	162	8	524
West	570	0	64	665	16	1,314
Wete	417	0	119	1,503	19	2,058
Micheweni	1,511	79	600	3,929	0	6,119
Chakechake	581	0	46	1,608	87	2,322
Mkoani	0	0	0	330	0	330
Total	4,147	79	1,546	9,021	152	14,945

AGRO PROCESSING

8.1 AGRO PROCESSING: Number of Crop Growing Households Reporting Processing Crops by District, 2002/03 Agriculture Year

District	Households Processing Crops		Households Not Processing Crops		Total
	Number	Percent	Number	Percent	
North "A"	10,236	73	3,844	27	14,080
North "B"	3,785	43	4,973	57	8,758
Central	1,583	14	9,562	86	11,145
South	289	7	3,907	93	4,196
West	2,367	22	8,012	78	10,379
Wete	9,593	79	2,495	21	12,088
Micheweni	9,022	69	4,071	31	13,093
Chakechake	7,337	73	2,674	27	10,011
Mkoani	9,508	76	2,964	24	12,472
Total	53,720	56	42,501	44	96,221

8.2 AGRO PROCESSING: Number of Crop Growing Households by Method of Processing and District, 2002/03 Agriculture Year

District	Method of Processing						Total
	On Farm by Hand	On Farm by Machine	By Neighbour Machine	By Farmers Association	By Trader	Other	
North "A"	3,978	0	4,212	370	1,651	25	10,236
North "B"	678	0	2,039	726	319	23	3,785
Central	673	0	779	131	0	0	1,583
South	224	0	8	0	8	50	289
West	1,418	0	691	0	140	117	2,367
Wete	6,134	0	2,363	21	42	1,033	9,593
Micheweni	7,907	0	602	0	377	137	9,022
Chakechake	5,514	0	1,823	0	0	0	7,337
Mkoani	7,832	0	1,436	44	196	0	9,508
Total	34,359	0	13,953	1,292	2,732	1,385	53,720

Based on main crop in a household.

8.3 AGRO PROCESSING: Number of Crop Growing Households by Main Product and District, 2002/03 Agriculture Year

District	Main Product					Total
	Flour / Meal	Grain	Oil	Juice	Other	
North "A"	2,768	7,446	0	23	0	10,236
North "B"	292	3,425	23	23	22	3,785
Central	250	1,333	0	0	0	1,583
South	91	167	31	0	0	289
West	549	1,169	335	217	97	2,367
Wete	643	8,892	19	39	0	9,593
Micheweni	1,461	6,943	109	510	0	9,022
Chakechake	227	6,861	0	249	0	7,337
Mkoani	280	8,944	0	284	0	9,508
Total	6,561	45,178	517	1345	120	53,720

Based on main crop in a household.

8.4 AGRO PROCESSING: Number of Crop Growing Households by Use of Primary Processed Product and District, 2002/03 Agriculture Year

District	Primary Product Use					
	Household / Human Consumption	Fuel for Cooking	Sale Only	Did Not Use	Other	Total
North "A"	9,984	0	50	202	0	10,236
North "B"	3,716	0	39	30	0	3,785
Central	1,559	0	0	23	0	1,583
South	268	0	21	0	0	289
West	2,219	17	32	80	17	2,367
Wete	9,391	0	0	181	21	9,593
Micheweni	8,322	0	0	700	0	9,022
Chakechake	7,204	0	0	133	0	7,337
Mkoani	9,366	0	0	142	0	9,508
Total	52,028	17	143	1493	39	53,720

Based on main crop in a household.

8.5 AGRO PROCESSING: Number of Crop Growing Households by Where Product Sold and District, 2002/03 Agriculture Year

District	Where Sold					
	Neighbours	Local Market / Trade Store	Trader at Farm	Other	Did not Sell	Total
North "A"	78	0	56	0	10,103	10,236
North "B"	39	0	0	20	3,725	3,785
Central	0	27	27	0	1,529	1,583
South	21	0	0	0	268	289
West	28	0	17	0	2,321	2,367
Wete	0	0	0	0	9,593	9,593
Micheweni	0	0	45	0	8,977	9,022
Chakechake	0	0	0	0	7,337	7,337
Mkoani	0	0	0	0	9,508	9,508
Total	167	27	145	20	53,362	53,720

Based on main crop in a household.

8.6 AGRO PROCESSING: Number of Crop Growing Households by By-Products and District, 2002/03 Agriculture Year

District	By Product								
	Bran	Cake	Husk	Juice	Fiber	Shell	No by-product	Other	Total
North "A"	2,658	23	4,994	0	0	1,934	628	0	10,236
North "B"	677	22	2,721	0	0	40	257	68	3,785
Central	173	0	1,250	0	0	54	106	0	1,583
South	29	31	80	0	0	73	76	0	289
West	357	285	924	0	75	28	314	383	2,367
Wete	1,204	79	8,229	0	21	0	60	0	9,593
Micheweni	1,609	485	5,641	0	23	153	999	111	9,022
Chakechake	1,837	225	5,251	0	0	0	24	0	7,337
Mkoani	813	246	8,373	20	18	38	0	0	9,508
Total	9,358	1,396	37,463	20	137	2,320	2,463	563	53,720

8.7 AGROPROCESSING: Number of Crop Growing Households by Location of Processing Farm Products for the 2002/03, Agriculture Year

Crop	Location of Processing					
	On farm-hand	Neighbours	Farmer Association	Traders	Others	Total
Paddy	27,219	12,518	1,292	2,318	1,201	44,548
Maize	1,452	2,088	0	452	89	4,081
Sorghum	2,044	357	0	83	0	2,484
Bulrush Millet	1,169	0	0	0	0	1,169
Cassava	783	489	0	23	44	1,338
Beans	27	0	0	0	0	27
Cowpeas	2,949	77	0	0	0	3,027
Green Gram	2,130	51	0	0	0	2,181
Pigeon Peas	1,388	18	0	0	0	1,405
Simsim	28	0	0	0	0	28
Groundnut	15	26	0	0	0	41
Coconut	3,247	0	0	0	140	3,388
Mango	20	0	0	0	29	41
Oranges	12	0	1,201	0	19	31

8.8 AGROPROCESSING: Number of Households by Main Use of Processed Products for the 2002/03 Agriculture Year

Crop	Used for						
	Household/Human Consumption	Fuel for Cooking	Sale Only	Animal Consumption	Did not Use	Others	Total
Paddy	43,268	0	0	0	1,259	21	44,548
Maize	4,060	0	0	0	21	0	4,081
Sorghum	2,373	0	0	0	112	0	2,484
Bulrush Millet	1,124	0	0	0	45	0	1,169
Cassava	1,121	0	136	0	80	0	1,338
Beans	27	0	0	0	0	0	27
Cowpeas	2,935	0	0	0	91	0	3,027
Green Gram	2,181	0	21	0	0	0	2,181
Pigeon Peas	1,340	0	0	0	44	0	1,405
Simsim	28	0	0	0	0	0	28
Groundnut	26	17	15	0	0	17	41
Coconut	3,326	0	27	0	0	0	3,388
Mango	41	0	0	0	0	0	41
Oranges	12	0	19	0	0	0	31

8.9 AGROPROCESSING: Number of Crop Growing Households by Sale Location of Processed Products for the 2002/03 Agricultural Year

Crop	Where Sold						Total
	Neighbours	Local Market/Trade Store	Secondary Market	Trader at Farm	Others	Did not sell	
Paddy	0	0	0	0	0	44,548	44,548
Maize	22	27	0	56	0	3,976	4,081
Sorghum	0	0	0	29	0	2,456	2,485
Bulrush Millet	0	0	0	0	0	1,169	1,169
Cassava	140	0	0	44	0	1,153	1,337
Beans	0	0	0	27	0	0	27
Cowpeas	13	0	0	0	0	3,013	3,026
Green Gram	0	0	0	0	0	2,181	2,181
Pigeon Peas	75	0	0	0	20	1,310	1,405
Simsim	0	0	0	0	0	28	28
Groundnut	15	0	0	0	0	26	41
Coconut	74	0	0	69	17	3,229	3,389
Mango	0	0	0	0	0	41	41
Oranges	0	0	19	0	0	12	31

STORAGE

**9.1 CROP STORAGE: Number of Crop Growing Households Storing Crops
by Type of Crop Stored, 2002/03 Agriculture Year**

Crop	Household Storing		Household Not Storing		Total Household
	Number	%	Number	%	
Paddy	42,629	86.7	6,567	13.3	49,196
Maize	4,392	15.8	23,337	84.2	27,729
Sorghum& Millet	2,382	9.0	24,080	91.0	26,462
Beans&Pulses	4,338	15.8	23,037	84.2	27,375
Seaweeds	1,795	6.9	24,045	93.1	25,840
Cloves	1,053	4.1	24,406	95.9	25,459
Cashewnut	0	0.0	25,111	100.0	25,111
Tobacco	22	0.1	25,111	99.9	25,133
Coconut	4,637	17.5	21,831	82.5	26,468
Groundnut	909	3.5	24,964	96.5	25,873

9.2 CROP STORAGE: Current Quantity Stored (tonnes) by Crop Type and District for 2002/03 Agriculture Year

District	Crop Name									
	Maize	Paddy	Sorghum& Millet	Beans & Pulses	Seaweed	Cloves	Tobacco	Coconut	Groundnut	Total
North "A"	84	385	13.7	42.8	22.4	41.6	0	55.5	5.8	650
North "B"	6	229	0	0.1	23.1	39.4	0	17.1	0	315
Central	113	241	4.9	68.1	306.8	28.8	0	571.8	3.8	1,338
South	5	11	0	2.2	66.9	.	0	71.5	0	157
West	17	190	0	0.4	1.6	3.4	0	139.4	8.1	360
Wete	23	313	2.2	4.6	3.4	45.5	0	78.4	0.6	470
Micheweni	4	256	22.0	1.9	14.1	31.5	2.7	91.3	1.2	425
Chakechake	13	349	0.3	5.2	28.7	44.2	0	43.6	10.4	495
Mkoani	5	585	1.2	9.4	0	87.7	0	7.6	0.2	696
Total	270	2,560	44.2	134.7	466.9	322.0	2.7	1,076.2	30.1	4,906

9.3 CROP STORAGE: Number of Households Storing Crop by Estimated Storage Loss and Type, 2002/03 Agriculture Year

Crop	Little or No Loss		Up to 1/4 Loss		Between 1/4- 1/2 loss		Over 1/2 Loss		Total
	Number of Household	%	Number of Household	%	Number of Household	%	Number of Household	%	
Paddy	39,176	91.9	2,565	6.0	392	0.9	497	1.2	42,630
Maize	3,504	79.8	702	16.0	161	3.7	25	0.6	4,392
Sorghum& Millet	2,260	94.9	122	5.1	0	0	0	0.0	2,382
Beans&Pulses	3,915	90.2	398	9.2	0	0	25	0.6	4,338
Seaweeds	1,697	94.5	31	1.7	42	2.3	25	1.4	1,795
Cloves	891	84.5	51	4.8	112	10.6	0	0	1,054
Cashewnut	0	0.0	0	0.0	0	0	0	0	0
Tobacco	22	100.0	0	0.0	0	0	0	0	22
Coconut	4,489	96.8	122	2.6	25	0.5	0	0	4,636
Groundnut	845	93.0	48	5.3	16	1.8	0	0	909

9.4 CROP STORAGE: Number of Crop growing Households by Type of Crop, 2002/03 Agriculture Year

Crop	Main Purpose						Total
	Food for the Household		To Sell for Higher Price		Seeds for Planting		
	Number	%	Number	%	Number	%	
Paddy	14,138	33.2	144	0.3	28,347	66.5	42,629
Maize	2,245	51.1	55	1.3	2,093	47.6	4,393
Sorghum& Millet	1,195	50.2	0	0.0	1,187	49.8	2,382
Beans&Pulses	1,932	44.5	48	1.1	2,358	54.4	4,338
Seaweeds	46	2.6	1,749	97.4	0	0.0	1,795
Cloves	119	11.3	934	88.7	0	0.0	1,053
Cashewnut	0	0.0	0	0.0	0	0.0	0
Tobacco	0	0.0	22	100.0	0	0.0	22
Coconut	4,179	90.1	219	4.7	239	5.2	4,637
Groundnut	221	24.3	93	10.2	595	65.5	909

9.5 CROP STORAGE: Number of Households that Stored Crops by Length of Storage and Crop Type, 2002/03 Agriculture Year

Crop	Normal length of Storage						Total
	Less than 3 Months		Between 3 and 6 Months		Over 6 Months		
	Number	%	Number	%	Number	%	
Paddy	4,672	11.0	18,616	43.7	19,341	45.4	42,629
Maize	1,004	22.9	1,921	43.7	1,467	33.4	4,392
Sorghum& Millet	538	22.6	738	31.0	1,106	46.4	2,382
Beans&Pulses	1,030	23.7	1,969	45.4	1,339	30.9	4,338
Seaweeds	1,314	73.2	319	17.8	162	9.0	1,795
Cloves	312	29.6	172	16.3	570	54.1	1,054
Cashewnut	0	0.0	0	0.0	0	0.0	0
Tobacco	0	0.0	22	100.0	0	0.0	22
Coconut	3,822	82.4	572	12.3	243	5.2	4,637
Groundnut	204	22.4	327	35.9	379	41.6	910

9.6 CROP STORAGE: Number of Households Storing Crops by Type of Crop and Stored, 2002/03 Agriculturer Year

District	Method of Storage						Total
	In Locally Made Traditional Structure	In Improved Locally Made Structure	In Sacks / Open Drum	In Airtight Drum	Unprotected Pile	Other	
North "A"	2,861	630	4,876	114	132	56	8,670
North "B"	1,180	303	2,146	88	45	0	3,762
Central	1,703	203	2,174	50	1,221	96	5,448
South	156	150	725	0	80	39	1,150
West	417	54	1,381	0	105	16	1,972
Wete	2,216	19	6,755	0	142	42	9,173
Micheweni	3,096	45	4,594	16	297	754	8,802
Chakechake	948	0	5,229	0	23	507	6,707
Mkoani	1,002	20	7,197	44	0	22	8,284
Total	13,579	1,423	35,075	312	2,046	1,532	53,968

9.7 CROP STORAGE: Number of Households Storing Crops by Duration of Storage and District during 2002/03 Agricultural Year

District	Less than 3 Months		Between 3 and 6 Months		Over 6 Months	
	Number	%	Number	%	Number	%
North "A"	912	11	4,292	50	3,466	40
North "B"	439	12	1,961	52	1,363	36
Central	3,428	63	1,327	24	693	13
South	771	67	169	15	211	18
West	402	20	881	45	689	35
Wete	1,008	11	3,231	35	4,934	54
Micheweni	1,830	21	3,205	36	3,767	43
Chakechake	533	8	3,667	55	2,507	37
Mkoani	529	6	3,398	41	4,357	53
Total	9,851	18	22,130	41	21,987	41

9.8 CROP STORAGE: Number of Households Storing Crops by Main Purpose of Storage and District during 2002/03 Agricultural Year

District	Main Purpose			
	Food for the Household	To Sell for Higher Price	Seeds for Planting	Total
North "A"	3,774	76	4,820	8,670
North "B"	1,389	76	2,297	3,762
Central	3,595	758	1,095	5,448
South	494	472	184	1,150
West	1,101	43	828	1,972
Wete	2,096	189	6,888	9,173
Micheweni	2,517	385	5,899	8,802
Chakechake	2,286	176	4,245	6,707
Mkoani	2,831	103	5,349	8,284
Total	20,085	2,278	31,605	53,968

9.9 CROP STORAGE: Number of Households Storing Crops by Estimated Storage Loss and District during 2002/03 Agricultural Year

District	Little or no Loss	Up to 1/4 Loss	Between 1/4 and 1/2 Loss	Over 1/2 Loss
North "A"	7,343	1100	123	103
North "B"	3,220	352	106	84
Central	5,281	140	27	0
South	1,122	14	13	0
West	1,265	564	114	29
Wete	8,606	482	63	22
Micheweni	8,289	423	43	47
Chakechake	6,470	67	64	106
Mkoani	7,890	183	81	131
Total	49,486	3325	635	523

MARKETING

10.1 MARETING: Number of Crop Producing Households Reporting Selling Agricultural Products by District during 2002/03 Agricultural Year

District	Selling Crops				Total
	Number of Households that Sold		Number of Households that Did not Sell		
	Number	Percent	Number	Percent	
North "A"	8,529	60	5,581	40	14,110
North "B"	6,356	72	2,422	28	8,778
Central	9,882	89	1,262	11	11,145
South	3,674	87	560	13	4,234
West	6,849	65	3,678	35	10,527
Wete	5,616	46	6,492	54	12,108
Micheweni	8,755	67	4,362	33	13,117
Chakechake	4,362	43	5,668	57	10,031
Mkoani	7,222	58	5,250	42	12,472
Total	61,246	63	35,277	37	96,522

10.2 MARKETING PROBLEMS: Ranking of Households by Main Reason for Not Marketing their Crop Produce and District, 2002/03 Agricultural Year

District	Open Market Price Too Low	No Transport	Transport Cost Too High	No Buyer	Market too Far	Farmers Association Problems	Government Regulatory Board Problems	Lack of Market Information	Other
North "A"	1	5	3	6	2	8	7	4	8
North "B"	1	3	4	5	2	9	8	7	6
Central	1	5	2	6	3	8	4	8	7
South	1	8	5	4	3	9	2	7	6
West	1	4	3	5	2	9	7	6	8
Wete	1	6	3	5	2	7	4	8	8
Micheweni	1	4	5	3	2	8	7	6	8
Chakechake	1	6	5	2	4	8	3	7	8
Mkoani	1	6	5	3	2	8	4	7	8
Total	1	6	3	4	2	9	5	7	8

10.3. MARKETING PROBLEMS: Number of Agriculture Households Reporting their Main Marketing Problem by District during 2002/03 Agriculture Year

District	Main Problem								
	Open Market Price Too Low	No Transport	Transport Cost Too High	No Buyer	Market too Far	Farmers Association Problems	Government Regulatory Board Problems	Lack of Market Information	Other
North "A"	6,882	227	459	151	500	0	23	287	0
North "B"	4,948	179	85	79	943	0	20	31	55
Central	8,346	137	597	76	551	0	148	0	28
South	3,053	11	67	78	178	0	221	19	24
West	5,130	210	550	122	665	0	15	91	12
Wete	4,748	44	226	83	242	21	115	0	0
Micheweni	7,453	153	127	247	690	0	41	44	0
Chakechake	3,828	23	44	189	116	0	116	23	0
Mkoani	6,664	60	80	102	168	0	84	21	0
Total	51,054	1,043	2,234	1127	4,051	21	783	515	119

10.5 Number of Households Selling Reporting Biggest Marketing Problem by Type of Problem and District during 2002/03 Agriculture Year

Crop Marketing Problem	1st Problem									
	North "A"	North "B"	Central	South	West	Wete	Micheweni	Chakechake	Mkoani	Total
Open Market Price Too Low	6,882	4,948	8,346	3,053	5,130	4,748	7,453	3,828	6,664	51,054
No Transport	227	179	137	11	210	44	153	23	60	1,043
Transport Cost Too High	227	179	137	11	210	44	153	23	60	1,043
No Buyer	151	79	76	78	122	83	247	189	102	1,127
Market too Far	500	943	551	178	665	242	690	116	168	4,051
Farmers Association Problems	0	0	0	0	0	21	0	0	0	21
Government Regulatory Board Problems	23	20	148	221	15	115	41	116	84	783
Lack of Market Information	287	31	0	19	91	0	44	23	21	515
Other	0	55	28	24	12	0	0	0	0	119
Not applicable	0	55	28	24	12	0	0	0	0	119
Total	8,529	6,356	9,882	3,674	6,849	5,616	8,755	4,362	7,222	61,246

10.6 Number of Households Selling Crops Reporting Second Marketing Problem by Type of Problem and District during 2002/03 Agriculture Year

Crop Marketing Problem	2nd Problem									
	North "A"	North "B"	Central	South	West	Wete	Micheweni	Chakechake	Mkoani	Total
Open Market Price Too Low	729	740	760	203	654	300	817	467	356	5,026
No Transport	1,067	752	525	23	500	738	1,777	232	953	6,568
Transport Cost Too High	1,810	1,414	3,443	493	2,209	1,091	1,121	536	805	12,923
No Buyer	592	453	628	442	108	1,251	1,540	1,012	1,417	7,443
Market too Far	2,136	1,899	2,188	390	1,531	907	1,524	820	1,419	12,816
Farmers Association Problems	276	40	0	0	49	21	23	0	43	453
Government Regulatory Board Problems	21	62	161	364	20	178	137	617	326	1,887
Lack of Market Information	573	530	551	335	310	119	219	69	124	2,829
Other	0	63	0	212	12	21	150	0	0	459
Not applicable	1,324	419	1,627	1,202	1,456	988	1,446	609	1,778	10,849
Total	8,529	6,373	9,882	3,674	6,849	5,616	8,755	4,362	7,222	61,262

10.7 Number of Households Selling Crops Reporting Third Marketing Problem by Type of Problem and District during 2002/03 Agriculture Year

Crop Marketing Problem	3rd Problem									
	North "A"	North "B"	Central	South	West	Wete	Micheweni	Chakechake	Mkoani	Total
Open Market Price Too Low	308	209	266	51	262	98	170	0	38	1,400
No Transport	447	467	419	9	242	291	986	281	610	3,752
Transport Cost Too High	1,488	1,361	1,132	360	1,105	852	2,013	823	1,595	10,729
No Buyer	639	625	316	126	986	786	654	810	1,059	6,002
Market too Far	639	625	316	126	986	786	654	810	1,059	6,002
Farmers Association Problems	639	625	316	126	986	786	654	810	1,059	6,002
Government Regulatory Board Problems	119	233	254	173	12	444	232	308	167	1,941
Lack of Market Information	119	233	254	173	12	444	232	308	167	1,941
Other	119	233	254	173	12	444	232	308	167	1,941
Not applicable	2,203	1,338	4,359	2,377	2,453	1,644	2,735	881	2,366	20,355
Total	8,529	6,356	9,882	3,674	6,849	5,616	8,755	4,362	7,222	61,246

10.8 Number of Households Selling Crops Reporting Fourth Marketing Problem by Type of Problem and District during 2002/03 Agriculture Year

Crop Marketing Problem	4th Problem									
	North "A"	North "B"	Central	South	West	Wete	Micheweni	Chakechake	Mkoani	Total
Open Market Price Too Low	259	87	28	-	127	123	67	24	39	754
No Transport	384	415	377	28	149	220	882	346	121	2,922
Transport Cost Too High	815	816	389	139	417	533	1,020	820	1,039	5,987
No Buyer	858	871	453	91	620	712	951	643	922	6,121
Market too Far	701	659	404	67	841	664	739	581	1,318	5,973
Farmers Association Problems	629	84	229	0	101	121	448	0	64	1,676
Government Regulatory Board Problems	330	126	151	139	13	195	259	45	264	1,523
Lack of Market Information	1,268	1,350	1,267	132	876	668	629	513	584	7,286
Other	23	153	106	33	0	17	0	23	0	354
Not applicable	3,262	1,795	6,479	3,046	3,705	2,364	3,759	1,367	2,871	28,648
Total	8,529	6,356	9,882	3,674	6,849	5,616	8,755	4,362	7,222	61,246

10.9 Number of Households Selling Crops Reporting Fifth Marketing Problem by Type of Problem and District during 2002/03 Agriculture Year

Crop Marketing Problem	5th Problem									
	North "A"	North "B"	Central	South	West	Wete	Micheweni	Chakechake	Mkoani	Total
Open Market Price Too Low	51	106	109	-	23	57	20	-	82	447
No Transport	700	640	298	6	171	265	430	232	931	3,672
Transport Cost Too High	561	410	149	54	95	381	802	572	620	3,644
No Buyer	875	953	722	8	633	433	1,024	413	386	5,447
Market too Far	354	303	59	23	181	276	648	357	522	2,722
Farmers Association Problems	222	116	79	8	110	22	23	22	101	703
Government Regulatory Board Problems	254	312	112	12	-	369	414	69	392	1,934
Lack of Market Information	731	831	392	69	1,235	638	496	690	911	5,992
Other	115	129	11	0	0	18	93	162	22	550
Not applicable	4,668	2,558	7,952	3,493	4,401	3,157	4,806	1,845	3,256	36,136
Total	8,529	6,357	9,882	3,674	6,849	5,616	8,755	4,362	7,222	61,246

EROSION CONTROL/IRRIGATION

11.1: EROSION CONTROL: Number of Households With Erosion Control/Water Harvesting Facilities on their Land by District during 2002/03 Agriculture Year

District	Presence of Erosion Control/Water Harvesting Facilities				
	Yes	%	No	%	
North "A"	289	2	13,821	98	14,110
North "B"	64	1	8,714	99	8,778
Central	53	0	11,092	100	11,145
South	0	0	4,234	100	4,234
West	124	1	10,403	99	10,527
Wete	41	0	12,067	100	12,108
Micheweni	40	0	13,077	100	13,117
Chakechake	110	1	9,920	99	10,031
Mkoani	40	0	12,432	100	12,472
Total	762	1	95,760	99	96,522

11.2 EROSION CONTROL: Number of Erosion Control Harvesting Structures By Type and District During 2002/03 Agriculture Year

Districts	Type of Erosion Control Structure								Total No. of Structures
	Terraces	Erosion Control Bunds	Gabion/Sandbag	Vertiver Grass	Tree Belt	Water Harvesting Bunds	Drainage Ditches	Dam	
North "A"	0	685	0	133	-	83	126	0	1,028
North "B"	0	22	0	206	0	0	0	0	229
Central	0	241	0	0	0	0	0	0	241
South	0	0	0	0	0	0	0	0	0
West	0	408	45	172	0	0	0	0	625
Wete	0	0	0	101	62	0	0	0	163
Micheweni	0	72	0	0	1,089	0	0	0	1,161
Chakechake	0	2,075	0	22	39	44	0	0	2,181
Mkoani	0	0	0	0	112	0	0	0	112
Total	0	3,503	45	635	1,302	128	126	0	5,739

Table 11.3 IRRIGATION: Number and Percent of Crop Growing Households Reporting of Practicing Irrigation by District During 2002/03 Agriculture Year

District	Household Practicing Irrigation		Household Not Practicing Irrigation		Crop Growing Households
	Number	%	Number	%	
North "A"	507	3.6	13,573	96.4	14,080
North "B"	475	5.4	8,283	94.6	8,758
Central	1,687	15.1	9,458	84.9	11,145
South	696	16.6	3,500	83.4	4,196
West	2,000	19.3	8,379	80.7	10,379
Wete	582	4.8	11,506	95.2	12,088
Micheweni	364	2.8	12,729	97.2	13,093
Chakechake	107	1.1	9,904	98.9	10,011
Mkoani	106	0.9	12,366	99.1	12,472
Total	6,525	6.8	89,696	93.2	96,221

11.4 IRRIGATION: Area (ha) of Irrigatable Land and Irrigated Land by District during 2002/03 Agriculture Year

District	Irrigatable Area (ha)	Irrigated Land	% of Irrigatable Land Used	Total Area (ha) of Land Utilised	%
North "A"	125	110	88	15,446	0.8
North "B"	183	163	89	10,067	1.8
Central	774	656	85	16,417	4.7
South	222	206	93	2,832	7.8
West	838	752	90	9,275	9.0
Wete	129	115	89	14,698	0.9
Micheweni	78	63	80	14,688	0.5
Chakechake	50	39	78	12,482	0.4
Mkoani	33	33	100	14,429	0.2
Total	2,432	2,135	88	110,395	2.2

11.5 IRRIGATION: Number of Agriculture Households Using Irrigation by Source of Irrigation Water and District during 2002/03 Agricultural Year

District	Source of Irrigation Water							Total
	River/Stream	Lake/Ponds	Dam	Well	Borehole	Canal	Pipe water	
North "A"	159	0	0	74	0	44	230	507
North "B"	119	16	0	80	0	0	259	475
Central	323	0	0	716	273	27	348	1,687
South	13	52	0	211	86	9	325	696
West	735	36	0	319	253	72	585	2,000
Wete	203	62	0	233	62	0	21	582
Micheweni	106	38	0	135	47	16	23	364
Chakechake	0	19	0	64	24	0	0	107
Mkoani	0	0	0	41	22	0	43	106
Total	1,659	223	0	1,873	766	168	1,835	6,525

11.6: IRRIGATION: Number of Agricultural Households Using Irrigation by Method Used to Obtain Water and District during 2002/03 Agriculture Year

District	Method of Obtaining Water					Total
	Gravity	Hand Bucket	Hand Pump	Motor Pump	Other	
North "A"	159	226	27	95	0	507
North "B"	61	352	0	40	22	475
Central	210	1,289	49	111	28	1,687
South	10	647	8	13	17	696
West	673	953	78	262	35	2,000
Wete	42	519	0	21	0	582
Micheweni	79	177	20	88	0	364
Chakechake	19	88	0	0	0	107
Mkoani	0	106	0	0	0	106
Total	1,253	4,357	182	631	102	6,525
%	19	67	2.8	9.7	1.6	100

**11.7 IRRIGATION: Number of Agriculture Households Using
Irrigation by Method of Field Application of Irrigation Water and
District during 2002/03 Agriculture Year**

District	Method of Field Application				Total
	Flood	Sprinkler	Water Hose	Bucket / Watering Can	
North "A"	159	0	55	293	507
North "B"	37	67	63	308	475
Central	242	28	104	1,314	1,687
South	0	36	17	642	696
West	834	63	257	846	2,000
Wete	63	123	0	396	582
Micheweni	187	0	16	161	364
Chakechake	19	0	0	88	107
Mkoani	0	0	43	63	106
Total	1,540	317	557	4,111	6,525
%	24	5	9	63	100

ACCESS TO FARM INPUTS & IMPLEMENTS

12.1 ACCESS TO INPUTS: Number of Crop Growing Households Using Chemical Fertilizer by District during 2002/03 Agriculture Year

District	Using Chemical Fertiliser		NOT Using Chemical Fertiliser		Total Number of Households
	Number of Household	%	Number of Household	%	
North A	2,362	17	11,748	83	14,080
North B	1,247	14	7,531	86	8,758
Central	973	9	10,172	91	11,145
South	79	2	4,155	98	4,196
West	1,048	10	9,479	90	10,379
Wete	2,058	17	10,050	83	12,088
Micheweni	206	2	12,911	98	13,093
Chakechake	1,095	11	8,936	89	10,011
Mkoani	1,193	10	11,278	90	12,472
Total	10,261	11	86,261	89	96,221

12.2 ACCESS TO INPUTS: Number of Crop Growing Households Using Farm-yard Manure by District, 2002/03 Agriculture Year

District	Using Farm-yard Manure		NOT Using Farm-yard Manure		Total Number of Household
	Number of Household	%	Number of Household	%	
North A	1,310	9	12,800	91	14,080
North B	1,008	12	7,770	88	8,758
Central	4,333	39	6,812	61	11,145
South	1,551	37	2,683	63	4,196
West	3,781	36	6,746	64	10,379
Wete	730	6	11,378	94	12,088
Micheweni	3,615	28	9,502	72	13,093
Chakechake	703	7	9,328	93	10,011
Mkoani	794	6	11,678	94	12,472
Total	17,826	19	78,696	81	96,221

12.3 ACCESS TO INPUTS: Number of Crop Growing Households Using Compost Manure by District during 2002/03 Agriculture Year

District	Using Compost Manure		NOT Using Compost Manure		Total Number of Household
	Number of Household	%	Number of Household	%	
North A	1,881	13	12,229	87	14,080
North B	137	2	8,641	98	8,758
Central	1,157	10	9,987	90	11,145
South	286	7	3,949	93	4,196
West	1,397	13	9,130	87	10,379
Wete	128	1	11,980	99	12,088
Micheweni	112	1	13,005	99	13,093
Chakechake	168	2	9,862	98	10,011
Mkoani	219	2	12,253	98	12,472
Total	5,486	6	91,036	94	96,221

12.4 ACCESS TO INPUTS: Number of Crop Growing Households Using Insecticide/Fungicide by District During 2002/03 Agriculture Year

District	Using Insecticide/Fungicide		NOT Using Insecticide/Fungicide		Total Number of Household
	Number of Household	%	Number of Household	%	
North A	240	2	13,870	98	14,080
North B	240	3	8,538	97	8,758
Central	1,373	12	9,772	88	11,145
South	111	3	4,123	97	4,196
West	406	4	10,121	96	10,379
Wete	62	1	12,046	99	12,088
Micheweni	40	0	13,077	100	13,093
Chakechake	158	2	9,873	98	10,011
Mkoani	61	0	12,411	100	12,472
Total	2,691	3	93,831	97	96,221

12.5 ACCESS TO INPUTS: Number of Crop Growing Households Using Herbicide by District During 2002/03 Agriculture Year

District	Using Herbicide		NOT Using Herbicide		Total Number of Household
	Number of Household	%	Number of Household	%	
North A	1,058	8	13,052	92	14,080
North B	576	7	8,202	93	8,758
Central	518	5	10,627	95	11,145
South	26	1	4,208	99	4,196
West	272	3	10,256	97	10,379
Wete	288	2	11,820	98	12,088
Micheweni	18	0	13,099	100	13,093
Chakechake	485	5	9,546	95	10,011
Mkoani	353	3	12,119	97	12,472
Total	3,593	4	92,929	96	96,221

12.6 ACCESS TO INPUTS: Number of Crop Growing Households Using Improved Seeds by District during 2002/03 Agriculture Year

District	Using Improved Seeds		NOT Using Improved Seeds		Total Number of Household
	No. of Household	%	No. of Household	%	
North A	3,584	25	10,526	75	14,080
North B	2,959	34	5,819	66	8,758
Central	4,926	44	6,219	56	11,145
South	1,325	32	2,909	68	4,196
West	3,251	31	7,276	69	10,379
Wete	1,742	14	10,366	86	12,088
Micheweni	1,337	10	11,780	90	13,093
Chakechake	891	9	9,139	91	10,011
Mkoani	1,818	15	10,654	85	12,472
Total	21,833	23	74,689	77	96,221

12.7 ACCESS TO INPUTS: Number of Crop Growing Households Using Inputs by Source of Inputs and District During 2002/03 Agriculture Year

District	Source of Inputs									
	Farmer Association	Local Farmer Group	Local Market / Trade Store	Secondary Market	Development Project	Crop Buyers	Large Scale Farm	Locally Produced by household	Neighbour	Other
North 'A'	148	27	7,654	48	16	535	27	523	1,459	0
North 'B'	85	104	4,504	0	0	92	0	415	925	22
Central	276	117	6,824	129	258	794	23	2,515	2,318	47
South	30	13	1,079	0	9	155	6	617	1,433	15
West	17	436	4,682	70	173	47	25	1,976	2,682	47
Wete	20	0	3,977	37	0	137	0	260	514	63
Micheweni	0	0	1,176	0	0	413	0	2,340	1,356	43
Chakechake	0	0	2,657	23	22	0	0	393	311	94
Mkoani	0	22	3,339	0	0	18	0	453	428	178
Total	577	720	35,891	306	477	2,192	80	9,490	11,426	510

12.8 ACCESS TO INPUTS: Number of Crop Growing Households Using Inputs by Finance Source and District During 2002/03 Agriculture Year

District	Source of Finance for Input				
	Sale of farm Products	Other Income Generating Activities	Remittance	Produced on Farm	Others
North 'A'	3,404	5,618	477	0	937
North 'B'	3,579	2,025	282	0	281
Central	7,290	2,056	646	0	3,534
South	1,504	924	83	0	867
West	4,777	2,215	152	24	2,987
Wete	2,228	2,198	330	0	252
Micheweni	3,032	1,076	382	0	839
Chakechake	1,070	1,618	365	0	447
Mkoani	1,810	1,677	230	0	720
Total	28,694	19,406	2,702	24	10,864

12.9 ACCESS TO IMPLEMENTS: Number of Crop Growing Households that Used Farm Implements/Assets by Type of Implement and District during 2002/03 Agriculture Year

District	Used Implements								
	Hand Hoe	Hand Powered Sprayer	Oxen	Ox Plough	Ox Cart	Tractor	Tractor Plough	Tractor Harrow	Threshers / Shellers
North A	14,080	738	24	0	148	3,401	3,401	3,220	0
North B	8,758	425	0	0	213	1,893	1,893	1,760	0
Central	11,118	1,287	55	28	710	1,575	1,575	1,236	0
South	4,216	69	0	0	13	173	173	146	0
West	10,433	428	40	40	1,245	573	573	424	0
Wete	12,108	80	39	0	81	1,144	1,144	581	0
Micheweni	13,117	23	0	0	454	116	116	0	0
Chakechake	10,011	312	0	0	116	1,257	1,257	725	0
Mkoani	12,396	509	0	0	66	1,102	1,102	679	0
Total	96237	3871	158	68	3046	11,234	11234	8770	0
%	99.7	4.0	0.2	0.1	3.2	11.6	11.6	9.1	0.0

12.10 ACCESS TO IMPLEMENTS: Number of Implements Owned by Type of Implement and District during 2002/03 Agriculture Year

District	Type of Farm Implement Owned								
	Hand Hoe	Hand Powered Sprayer	Oxen	Ox Plough	Ox Seed Planter	Tractor	Tractor plough	Tractor Harrow	Thresher /Shellers
North A	33,889	105	0	0	0	0	0	0	0
North B	19,851	108	0	0	0	0	0	0	0
Central	25,548	515	112	28	0	0	0	0	0
South	8,432	43	0	0	0	0	0	0	0
West	22,442	310	0	0	0	0	0	0	0
Wete	27,075	16	39	0	0	0	0	0	0
Micheweni	27,921	23	0	0	0	0	0	0	0
Chakechake	22,422	68	0	0	0	0	0	0	0
Mkoani	26,761	87	0	0	0	0	0	0	0
Total	214,341	1,275	151	28	0	0	0	0	0

12.11 ACCESS TO FARM INPUTS: Number of Agriculture Households Reporting the Main Reason for NOT Using Inputs and District During 2002/03 Agriculture Year

District	Main Reasons of Not Using Inputs							
	Not Available	Price too high	No money to buy	Too much Labour	Don't Know How to Use	Input is of No Use	Locally Produced by Household	Others
North A	22,425	26,462	7,404	1,182	10,490	6,059	0	203
North B	13,371	20,293	2,856	629	6,666	2,461	85	184
Central	8,880	23,963	7,674	628	3,169	9,036	202	136
South	3,883	3,262	1,501	71	822	12,437	0	53
West	10,281	17,064	3,683	773	4,101	16,028	102	1,030
Wete	14,608	35,116	8,134	1,219	4,728	3,612	69	188
Micheweni	20,854	33,174	5,983	1,058	6,533	5,270	135	431
Chakechake	17,065	25,007	5,085	637	3,382	5,063	42	423
Mkoani	21,839	34,321	7,394	423	2,385	3,873	0	157
Total	133,207	218,662	49,715	6,620	42,275	63,838	635	2,805

12.12 ACCESS TO FARM INPUTS: Number of Agriculture Households Reporting the Quality of Inputs by District during 2002/03 Agriculture Year

District	Quality of Inputs				
	Excellent	Good	Average	Poor	Does not Work
North A	1,228	7,310	1,875	23	0
North B	1,115	4,320	650	60	22
Central	6,540	5,885	827	28	0
South	1,292	1,905	182	0	0
West	3,881	4,806	1,387	74	6
Wete	1,826	2,814	367	0	0
Micheweni	772	3,581	960	16	0
Chakechake	1,514	1,831	113	0	42
Mkoani	992	2,674	712	22	37
Total	19,162	35,126	7,073	224	107

12.13 ACCESS TO INPUTS: Number of Crop Growing Households by Source of Chemical Fertiliser by District During 2002/03 Agriculture Year

District	Chemical fertiliser																							Total Number
	Farmer Association		Local Farmers Group		Local Market/Trade Store		Secondary Market		Development Project		Crop Buyer		Large Scale Farm		Locally Produced by Household		Neighbour		Other		Not applicable			
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%		
North A	23	0.2	0	0.0	2,312	16.4	0	0	0	0	0	0	0	0	0	0	0	28	0.2	0	0	11717	83.2	14,080
North B	41	0.5	0	0.0	1,166	8.3	0	0	0	0	0	0	0	0	0	0	0	20	0.2	0	0	7531	86.0	8,758
Central	131	1.2	27	0.2	697	5.0	0	0	94	0.7	0	0	0	0	0	0	0	0	0.0	24	0.2	10172	91.3	11,145
South	0	0.0	0	0.0	53	0.4	0	0	0	0	0	0	0	0	0	0	0	27	0.6	0	0	4116	98.1	4,196
West	0	0.0	247	2.4	716	5.1	0	0	60	0.4	0	0	0	0	0	0	0	24	0.2	0	0	9331	89.9	10,379
Wete	0	0.0	0	0.0	1,978	14.0	37	0.3	0	0	0	0	0	0	0	0	0	22	0.2	21	0.2	10030	83.0	12,088
Micheweni	0	0.0	0	0.0	206	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	12887	98.4	13,093
Chakechake	0	0.0	0	0.0	1,073	7.6	0	0	22	0.2	0	0	0	0	0	0	0	0	0.0	0	0	8916	89.1	10,011
Mkoani	0	0.0	0	0.0	1,171	8.3	0	0	0	0	0	0	0	0	0	0	0	22	0.2	0	0	11279	90.4	12,472
Total	195	0.2	274	0.3	9,372	9.7	37	0.0	176	0.2	0	0	0	0	0	0	0	143	0.1	45	0.0	85979	89.4	96,221

12.14 ACCESS TO INPUTS: Number of Agriculture Households by Source of Farm-Yard Manure and District during 2002/03 Agriculture Year

District	Source of Farm-Yard Manure																						Total
	Farmer Association		Local Farmers Group		Local Market / Trade Store		Secondary Market		Development Project		Crop Buyers		Large Scale Farm		Locally Produced by Household		Neighbour		Other		Not applicable		
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	74	0.5	27	0.2	0	0.0	25	0.2	0	0.0	51	0.37	27	0.2	513	3.6	593	4.2	0	0.0	12,770	90.7	14,080
North B	0	0.0	83	0.9	0	0.0	0	0.0	0	0.0	0	0.00	0	0.0	415	4.7	511	5.8	0	0.0	7,750	88.5	8,758
Central	0	0.0	0	0.0	0	0.0	102	0.9	11	0.1	0	0.00	23	0.2	2,490	22.3	1,728	15.5	0	0.0	6,791	60.9	11,145
South	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	6	0.0	617	14.7	901	21.5	8	0.2	2,666	63.5	4,196
West	0	0.0	0	0.0	0	0.0	35	0.3	13	0.1	0	0.00	25	0.2	1,976	19.0	1,712	16.5	20	0.2	6,597	63.6	10,379
Wete	20	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	0	0.0	260	2.1	408	3.4	42	0.4	11,358	94.0	12,088
Micheweni	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	0	0.0	2,340	17.9	1,232	9.4	43	0.3	9,478	72.4	13,093
Chakechake	0	0.0	0	0.0	0	0.0	23	0.2	0	0.0	0	0.00	0	0.0	393	3.9	288	2.9	0	0.0	9,308	93.0	10,011
Mkoani	0	0.0	22	0.2	0	0.0	0	0.0	0	0.0	0	0.00	0	0.0	431	3.5	341	2.7	0	0.0	11,678	93.6	12,472
Total	94	0.1	132	0.1	0	0.0	185	0.2	24	0.0	51	0.1	80	0.1	9,434	9.8	7,713	8.0	113	0.1	78,394	81.5	96,221

12.15 ACCESS TO INPUTS: Number of Agriculture Households by Source of Compost and District During 2002/03 Agriculture Year

District	Source of Compost																
	Farmer Association		Local Farmer Group		Development Project		Large Scale Farm		Locally Produced by Household		Neighbour		Other		Not applicable		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	0	0	0	0	0	0	0	0	1,881	13.4	0	0	0	0.0	12,199	86.6	14,080
North B	0	0	0	0	0	0	0	0	137	1.6	0	0	0	0.0	8,621	98.4	8,758
Central	0	0	0	0	0	0	0	0	1,157	10.4	0	0	0	0.0	9,988	89.6	11,145
South	0	0	0	0	0	0	0	0	278	6.6	0	0	8	0.2	3,910	93.2	4,196
West	0	0	0	0	0	0	0	0	1,396	13.5	0	0	0	0.0	8,983	86.5	10,379
Wete	0	0	0	0	0	0	0	0	129	1.1	0	0	0	0.0	11,959	98.9	12,088
Micheweni	0	0	0	0	0	0	0	0	112	0.9	0	0	0	0.0	12,981	99.1	13,093
Chakechake	0	0	0	0	0	0	0	0	168	1.7	0	0	0	0.0	9,843	98.3	10,011
Mkoani	0	0	0	0	0	0	0	0	219	1.8	0	0	0	0.0	12,253	98.2	12,472
Total	0	0	0	0	0	0	0	0	5,477	5.7	0	0	8		90,736	94.3	96,221

12.16 ACCESS TO INPUTS: Number of Agriculture Households by Source of Insecticide/Fungicide and District During 2002/03 Agriculture Year

District	Source of Insecticide/Fungicide																
	Farmer Association		Local Farmers Group		Local Market / Trade Store		Secondary Market		Development Project		Locally Produced by Household		Neighbour		Not applicable		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	0	0.0	0	0.0	205	1.5	0	0.0	0	0.0	10	0.1	26	0.2	13,840	98.3	14,080
North B	0	0.0	0	0.0	240	1.7	0	0.0	0	0.0	0	0.0	0	0.0	8,518	60.5	8,758
Central	94	0.7	0	0.0	1254	8.9	0	0.0	0	0.0	25	0.2	0	0.0	9,772	69.4	11,145
South	0	0.0	0	0.0	111	0.8	0	0.0	0	0.0	0	0.0	0	0.0	4,085	29.0	4,196
West	0	0.0	23	0.2	360	2.6	0	0.0	23	0.2	0	0.0	0	0.0	9,973	70.8	10,379
Wete	0	0.0	0	0.0	62	0.4	0	0.0	0	0.0	0	0.0	0	0.0	12,026	85.4	12,088
Micheweni	0	0.0	0	0.0	40	0.3	0	0.0	0	0.0	0	0.0	0	0.0	13,053	92.7	13,093
Chakechake	0	0.0	0	0.0	158	1.1	0	0.0	0	0.0	0	0.0	0	0.0	9,853	70.0	10,011
Mkoani	0	0.0	0	0.0	39	0.3	0	0.0	0	0.0	22	0.2	0	0.0	12,411	88.1	12,472
Total	94	0.1	23	0.0	2468	2.6	0	0.0	23	0.0	57	0.1	26	0.0	93,530	97.2	96,221

12.17 ACCESS TO INPUTS : Number of Agricultural Households by Source of Herbicides and District during 2002/03 Agriculture Year

District	Source of Herbicide																
	Farmer Association		Local Farmers Group		Local Market / Trade Store		Secondary Market		Development Project		Neighbour		Other		Not applicable		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	23	0.2	0	0	1035	7.3	0	0	0	0.0	0	0	0	0	13,022	92.5	14,080
North B	0	0.0	0	0	554	3.9	0	0	0	0.0	0	0	22	0.2	8,182	93.4	
Central	25	0.2	27	0.2	467	3.3	0	0	0	0.0	0	0	0	0	10,627	95.4	11,145
South	0	0.0	0	0	26	0.2	0	0	0	0.0	0	0	0	0	4,170	99.4	4,196
West	0	0.0	23	0.2	185	1.3	17	0.1	23	0.2	23	0.2	0	0	10,107	97.4	10,379
Wete	0	0.0	0	0	288	2.0	0	0	0	0.0	0	0	0	0	11,800	97.6	12,088
Micheweni	0	0.0	0	0	18	0.1	0	0	0	0.0	0	0	0	0	13,075	99.9	13,093
Chakechake	0	0.0	0	0	485	3.4	0	0	0	0.0	0	0	0	0	9,526	95.2	10,011
Mkoani	0	0.0	0	0	353	2.5	0	0	0	0.0	0	0	0	0	12,119	97.2	12,472
Total	48	0.0	50	0.1	3410	3.5	17	0.0	23	0.0	23	0.0	22	0.0	92,628	96.3	96,221

12.18 ACCESS TO INPUTS: Number of Agricultural Households by Source of Improved Seeds and District During 2002/03 Agriculture Year

District	Source of Improved Seeds																				
	Farmer Association		Local Farmers Group		Local Market / Trade Store		Secondary Market		Development Project		Crop Buyer		Locally Produced by Household		Neighbour		Other		Not Applicable		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	29	0.2	0	0.0	2,220	15.8	23	0.2	16	0.1	484	3.4	0	0	812	5.8	0	0	10,496	74.5	14,080
North B	43	0.3	21	0.1	2,407	17.1	0	0.0	0	0.0	92	0.7	0	0	395	2.8	0	0	5,799	41.2	8,758
Central	26	0.2	64	0.5	3,248	23.1	27	0.2	153	1.1	794	5.6	0	0	589	4.2	23	0.2	6,219	44.2	11,145
South	30	0.2	13	0.1	612	4.3	0	0.0	9	0.1	155	1.1	0	0	506	3.6	0	0	2,871	20.4	4,196
West	17	0.1	143	1.0	2,024	14.4	17	0.1	53	0.4	47	0.3	0	0	923	6.6	27	0.2	7,127	50.6	10,379
Wete	0	0.0	0	0.0	1,520	10.8	0	0.0	0	0.0	137	1.0	0	0	85	0.6	0	0	10,346	73.5	12,088
Micheweni	0	0.0	0	0.0	800	5.7	0	0.0	0	0.0	413	2.9	0	0	124	0.9	0	0	11,756	83.5	13,093
Chakechake	0	0.0	0	0.0	773	5.5	0	0.0	0	0.0	0	0.0	0	0	24	0.2	94	0.7	9,120	64.8	10,011
Mkoani	0	0.0	0	0.0	1,557	11.1	0	0.0	0	0.0	18	0.1	0	0	65	0.5	178	1.3	10,654	75.7	12,472
Total	146	0.2	241	0.3	15,164	15.8	67	0.1	231	0.2	2141	2.2	0	0.0	3,522	3.7	322	0.3	74,388	77.3	96,221

Table 12.19 ACCESS TO INPUTS: Number of Agricultural Households and Distance to Source of Chemical Fertilizer by District, during 2002/03 Agriculture Year

District	Distance to Source of Chemical Fertiliser										
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		Between 10 and 20 km		20 km and Above		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	273	11.6	783	33.1	1070	45.3	128	5.4	109	4.6	2,363
North B	130	10.4	391	31.4	508	40.8	130	10.4	88	7.1	1,247
Central	380	39.1	125	12.8	257	26.4	104	10.6	107	11.0	973
South	13	16.5	53	66.5	13	17.0	0	0.0	0	0.0	79
West	521	49.7	174	16.6	197	18.8	133	12.7	23	2.2	1,048
Wete	162	7.9	123	6.0	887	43.1	791	38.4	96	4.7	2,058
Micheweni	22	10.6	79	38.1	44	21.3	42	20.3	20	9.7	206
Chakechake	21	1.9	21	2.0	846	77.3	184	16.8	23	2.1	1,095
Mkoani	150	12.6	22	1.9	499	41.8	374	31.3	148	12.4	1,193
Total	1,671	16.3	1770	17.3	4321	42.1	1,884	18.4	615	6.0	10,261

Table 12.20 ACCESS TO INPUTS: Number of Agricultural Households by Distance to Source of Farm-Yard Manure and District during 2002/03 Agricultural Year

District	Distance to Source of Farm-Yard Manure										
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		Between 10 and 20 km		20 km and Above		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	Number
North A	863	65.9	189	14.4	94	7.2	0	0.0	164	12.5	1,310
North B	600	59.5	216	21.4	104	10.3	20	2.0	68	6.8	1,008
Central	3,862	89.1	313	7.2	158	3.6	0	0.0	0	0.0	4,333
South	1,387	89.4	98	6.3	41	2.6	0	0.0	25	1.6	1,552
West	3,216	85.0	439	11.6	97	2.6	29	0.8	0	0.0	3,781
Wete	649	88.9	20	2.7	41	5.6	21	2.8	0	0.0	730
Micheweni	3,413	94.4	179	5.0	0	0.0	0	0.0	23	0.6	3,615
Chakechake	599	85.3	81	11.5	23	3.2	0	0.0	0	0.0	703
Mkoani	688	86.6	106	13.4	0	0.0	0	0.0	0	0.0	794
Total	15,277	85.7	1,642	9.2	557	3.1	70	0.4	281	1.6	17,826

12.21 ACCESS TO INPUTS: Number of Agriculture Households and Distance to Source of Compost Manure by District During 2002/03 Agriculture Year

District	Distance to Source of Compost								
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		20 km and Above		Total Number
	Number	%	Number	%	Number	%	Number	%	
North A	1,588	84.4	293	15.6	0	0.0	0	0.0	1,881
North B	118	86.6	0	0.0	18	13.4	0	0.0	137
Central	1,157	100.0	0	0.0	0	0.0	0	0.0	1,157
South	255	89.4	0	0.0	23	8.0	8	2.7	286
West	1,330	95.2	52	3.7	15	1.1	0	0.0	1,397
Wete	128	100.0	0	0.0	0	0.0	0	0.0	128
Micheweni	112	100.0	0	0.0	0	0.0	0	0.0	112
Chakechake	168	100.0	0	0.0	0	0.0	0	0.0	168
Mkoani	197	89.8	22	10.2	0	0.0	0	0.0	219
Total	5,055	92.1	367	6.7	56.1	1.0	8	0.1	5,486

Table 12.22 ACCESS TO INPUTS: Number of Agricultural Households and Distance to Source of Insecticide/Fungicides by District, 2002/03 Agricultural Year

District	Distance to Source of Insecticide/Fungicides										Total Number
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		Between 10 and 20 km		20 km and Above		
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	58	24	107	44	23	10	26	11	26	11	240
North B	0	0	81	34	79	33	0	0	79	33	240
Central	265	19	399	29	225	16	326	24	158	12	1,373
South	13	12	12	11	35	32	0	0	50	45	111
West	97	24	54	13	111	27	118	29	25	6	406
Wete	0	0	0	0	0	0	62	100	0	0	62
Micheweni	18	45	22	55	0	0	0	0	0	0	40
Chakechake	0	0	0	0	110	70	47	30	0	0	158
Mkoani	22	36	0	0	0	0	39	64	0	0	61
Total	473	18	675	25	584	22	619	23	340	13	2,691

Table 12.23 ACCESS TO INPUTS: Number of Agricultural Households and Distance to Source of Herbicides by District, 2002/03 Agricultural Year

District	Distance to Source of Herbicides										Total
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		Between 10 and 20 km		20 km and Above		
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	78	7.4	262	24.7	555	52.5	83	7.8	80	7.6	1,058
North B	43	7.5	257	44.6	159	27.7	64	11.1	53	9.2	576
Central	25	4.9	48	9.3	258	49.8	80	15.4	107	20.7	518
South	0	0.0	26	100.0	0	0.0	0	0.0	0	0.0	26
West	46	16.9	40	14.8	98	36.0	88	32.3	0	0.0	272
Wete	0	0.0	0	0.0	191	66.4	97	33.6	0	0.0	288
Micheweni	18	100.0	0	0.0	0	0.0	0	0.0	0	0.0	18
Chakechake	0	0.0	0	0.0	439	90.6	46	9.4	0	0.0	485
Mkoani	0	0.0	0	0.0	106	30.1	224	63.6	22	6.3	353
Total	211	5.9	633	17.6	1807	50.3	680	18.9	262	7.3	3,593

Table 12.24 ACCESS TO INPUTS: Number of Agricultural Households and Distance to Source of Improved Seeds by District During 2002/03 Agricultural Year

District	Distance to Source of Improved Seeds										Total
	Less than 1 km		Between 1 and 3 km		Between 3 and 10 km		Between 10 and 20 km		20 km and Above		
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	1,483	41.4	719	20.1	836	23.3	141	3.9	406	11.3	3,584
North B	1,352	45.7	814	27.5	623	21.0	84	2.8	86	2.9	2,959
Central	2,663	54.1	752	15.3	613	12.4	537	10.9	361	7.3	4,926
South	1,100	83.0	96	7.3	26	2.0	6	0.4	97	7.3	1,325
West	1,618	49.8	420	12.9	865	26.6	296	9.1	51	1.6	3,251
Wete	611	35.1	180	10.3	704	40.4	227	13.0	21	1.2	1,742
Micheweni	571	42.7	447	33.4	69	5.1	136	10.1	115	8.6	1,337
Chakechake	164	18.4	205	23.0	432	48.5	71	8.0	19	2.2	891
Mkoani	1,316	72.4	273	15.0	125	6.9	83	4.6	20	1.1	1,818
Total	10,877	49.8	3,907	17.9	4292	19.7	1,581	7.2	1176	5.4	21,833

12.25 ACCESS TO INPUTS: Number of Agricultural Households Reporting on Quality of Chemical Fertilizer by District, 2002/03 Agricultural Year

District	Quality of Chemical Fertilisers										Total
	Excellent		Good		Average		Poor		Does not Work		
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	309	13.1	1689	71.5	364	15.4	0	0.0	0	0.0	2,363
North B	187	15.0	806	64.6	231	18.5	23	1.8	0	0.0	1,247
Central	480	49.4	424	43.6	68	7.0	0	0.0	0	0.0	973
South	39	48.9	41	51.2	0	0.0	0	0.0	0	0.0	79
West	365	34.8	515	49.1	148	14.2	20	1.9	0	0.0	1,048
Wete	766	37.2	1026	49.9	266	12.9	0	0.0	0	0.0	2,058
Micheweni	0	0.0	186	90.3	20	9.7	0	0.0	0	0.0	206
Chakechake	495	45.2	535	48.9	45	4.1	0	0.0	21	1.9	1,095
Mkoani	513	43.0	556	46.6	83	7.0	22	1.9	19	1.6	1,193
Total	3,154	30.7	5778	56.3	1224	11.9	65	0.6	40	0.4	10,261

12.26 ACCESS TO INPUTS: Number of Agricultural Households Reporting the Quality of Farm Yard Manure by District, 2002/03 Agricultural Year

District	Quality of Farm-Yard Manure										Total
	Excellent		Good		Average		Poor		Does not Work		
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	336	25.7	818	62.4	156	11.9	0	0.0	0	0.0	1,310
North B	301	29.9	564	56.0	143	14.1	0	0.0	0	0.0	1,008
Central	2,285	52.7	1,844	42.6	175	4.0	28	0.6	0	0.0	4,333
South	551	35.5	900	58.0	101	6.5	0	0.0	0	0.0	1,552
West	1,783	47.2	1,760	46.5	215	5.7	17	0.5	6	0.2	3,781
Wete	221	30.3	447	61.2	61	8.4	0	0.0	0	0.0	730
Micheweni	588	16.3	2,439	67.5	589	16.3	0	0.0	0	0.0	3,615
Chakechake	320	45.6	337	48.0	45	6.4	0	0.0	0	0.0	703
Mkoani	109	13.8	464	58.4	221	27.8	0	0.0	0	0.0	794
Total	6,496	36.4	9,573	53.7	1707	9.6	45	0.3	6	0.0	17,826

12.27 ACCESS TO INPUTS: Number of Agricultural Households Reporting the Quality of Compost Manure by District, 2002/03 Agriculture Year

District	Quality of Compost Manure								
	Excellent		Good		Average		Poor		Total Number
	Number	%	Number	%	Number	%	Number	%	
North A	94	5.0	1,447	76.9	318	16.9	23	1.2	1,881
North B	44	32.5	92	67.5	0	0.0	0	0.0	137
Central	335	28.9	731	63.2	91	7.9	0	0.0	1,157
South	143	50.2	114	39.7	29	10.1	0	0.0	286
West	340	24.3	462	33.1	595	42.6	0	0.0	1,397
Wete	37	29.0	73	56.5	18	14.5	0	0.0	128
Micheweni	0	0.0	90	80.7	22	19.3	0	0.0	112
Chakechake	124	73.8	44	26.2	0	0.0	0	0.0	168
Mkoani	133	60.7	86	39.3	0	0.0	0	0.0	219
Total	1,250	22.8	3,139	57.2	1,074	19.6	23	0.4	5,486

12.28 ACCESS TO INPUTS: Number of Agricultural Households Reporting on Quality of Insecticide/Fungicide by District During 2002/03 Agriculture year

District	Quality of Insecticide/Fungicide						
	Excellent		Good		Average		Total Number
	Number	%	Number	%	Number	%	
North A	54	22.5	105	43.9	81	33.7	240
North B	18	7.7	161	67.1	60	25.2	240
Central	563	41.0	654	47.6	156	11.4	1,373
South	38	33.9	74	66.4	0	0.0	111
West	208	51.2	161	39.6	37	9.2	406
Wete	19	30.0	43	69.9	0	0.0	62
Micheweni	0	0.0	40	100.0	0	0.0	40
Chakechake	86	54.5	72	45.5	0	0.0	158
Mkoani	25	41.0	36	59.0	0	0.0	61
Total	1,011	37.6	1,346	50.0	335	12.4	2,691

12.29 ACCESS TO INPUTS: Number of Agriculture Households and Quality of Herbicides by District, 2002/03 Agriculture Year

District	Quality of Herbicide										
	Excellent		Good		Average		Poor		Does not Work		Total
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	109	10.3	720	68.1	229	21.6	0	0.0	0	0.0	1,058
North B	101	17.6	420	72.9	18	3.2	15	2.6	22	3.8	576
Central	337	65.0	181	35.0	0	0.0	0	0.0	0	0.0	518
South	12	47.5	14	52.5	0	0.0	0	0.0	0	0.0	26
West	158	58.2	39	14.4	75	27.4	0	0.0	0	0.0	272
Wete	184	64.0	104	36.0	0	0.0	0	0.0	0	0.0	288
Micheweni	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0	18
Chakechake	218	45.0	223	45.9	23	4.7	0	0.0	21	4.4	485
Mkoani	151	42.8	182	51.8	19	5.4	0	0.0	0	0.0	353
Total	1,270	35.4	1,901	52.9	364	10.1	15	0.4	43	1.2	3,593

12.30 ACCESS TO INPUTS: Number of Agricultural Households Reporting on Quality of Improved Seeds During 2002/03 Agriculture Year

District	Quality of Improved Seeds										
	Excellent		Good		Average		Poor		Does not Work		Total Number
	Number	%	Number	%	Number	%	Number	%	Number	%	
North A	326	9.1	2,531	70.6	727	20.3	0	0.0	0	0.0	3,584
North B	463	15.6	2,276	76.9	197	6.7	22	0.8	0	0.0	2,959
Central	2,540	51.6	2,049	41.6	337	6.8	0	0.0	0	0.0	4,926
South	509	38.4	764	57.6	52	4.0	0	0.0	0	0.0	1,325
West	1,027	31.6	1,870	57.5	317	9.7	37	1.1	0	0.0	3,251
Wete	599	34.4	1,121	64.3	22	1.3	0	0.0	0	0.0	1,742
Micheweni	184	13.8	808	60.4	330	24.6	16	1.2	0	0.0	1,337
Chakechake	271	30.4	621	69.6	0	0.0	0	0.0	0	0.0	891
Mkoani	60	3.3	1,350	74.3	389	21.4	0	0.0	18	1.0	1,818
Total	5,979	27.4	13,390	61.3	2,371	10.9	75	0.3	18	0.1	21,833

12.31: Number of Agriculture Households with Plan to Use Chemical Fertiliser Next Year by District, 2002/03 Agriculture Year

District	Plan to Use Next Year				Total Number
	Number of Agriculture Households With Plan to Use Next Year		Number of Agriculture Households With NO Plan to Use Next Year		
	Number	%	Number	%	
North A	8,210	58.2	5,900	41.8	14,110
North B	3,770	42.9	5,008	57.1	8,778
Central	2,666	23.9	8,478	76.1	11,145
South	416	9.8	3,819	90.2	4,234
West	3,147	29.9	7,380	70.1	10,527
Wete	9,077	75.0	3,031	25.0	12,108
Micheweni	7,082	54.0	6,036	46.0	13,117
Chakechake	6,607	65.9	3,424	34.1	10,031
Mkoani	8,474	67.9	3,998	32.1	12,472
Total	49,449	51.2	47,073	48.8	96,522

12.32 ACCESS TO INPUTS: Number of Agriculture Households with Plan to Use Farm-Yard Manure Next Year by District, 2002/03 Agriculture Year

District	Plan to Use Farm-yard Manure				Total Number
	Number of Agricultural Households With Plan to use Next Year		Number of Agricultural Households With NO Plan to use Next Year		
	Number	%	Number	%	
North A	7,191	51.0	6,919	49.0	14,110
North B	3,184	36.3	5,594	63.7	8,778
Central	7,072	63.5	4,073	36.5	11,145
South	2,169	51.2	2,065	48.8	4,234
West	7,002	66.5	3,525	33.5	10,527
Wete	3,984	32.9	8,124	67.1	12,108
Micheweni	8,631	65.8	4,486	34.2	13,117
Chakechake	3,520	35.1	6,510	64.9	10,031
Mkoani	5,717	45.8	6,755	54.2	12,472
Total	48,471	50.2	48,051	49.8	96,522

12.33 ACCESS TO INPUTS: Number of Agriculture Households with Plan to Use Compost Next Year by District, 2002/02 Agricultural Year

District	Plan to Use Compost Next Year				
	Number of Agricultural Households With Plan to use Next Year		Number of Agricultural Households With NO Plan to use Next Year		Total
	Number	%	Number	%	Number
North A	6,401	45.4	7,709	54.6	14,110
North B	1,878	21.4	6,900	78.6	8,778
Central	2,977	26.7	8,167	73.3	11,145
South	841	19.9	3,393	80.1	4,234
West	4,128	39.2	6,399	60.8	10,527
Wete	1,695	14.0	10,413	86.0	12,108
Micheweni	4,242	32.3	8,875	67.7	13,117
Chakechake	1,605	16.0	8,426	84.0	10,031
Mkoani	4,081	32.7	8,390	67.3	12,472
Total	27,849	28.9	68,673	71.1	96,522

12.34 ACCESS TO INPUTS: Number of Agricultural Households with Plan to Use Insecticide/Fungicide Next Year by District, 2002/03 Agricultural Year

District	Plan to Use Insecticide/Fungicide				
	Number of Agricultural Households With Plan to use Next Year		Number of Agricultural Households With NO Plan to use Next Year		Total
	Number	%	Number	%	Number
North A	4,874	34.5	9,236	65.5	14,110
North B	1,490	17.0	7,288	83.0	8,778
Central	2,454	22.0	8,691	78.0	11,145
South	398	9.4	3,836	90.6	4,234
West	2,306	21.9	8,221	78.1	10,527
Wete	4,768	39.4	7,340	60.6	12,108
Micheweni	3,908	29.8	9,209	70.2	13,117
Chakechake	2,783	27.7	7,247	72.3	10,031
Mkoani	6,181	49.6	6,291	50.4	12,472
Total	29,163	30.2	67,359	69.8	96,522

12.35 ACCESS TO INPUTS: Number of Agricultural Households With Plan to Use Herbicides Next Year, 2002/03 Agricultural Year

District	Plan to Use Herbicide Next Year				Total Number
	Number of Agricultural Households With Plan to use Next Year		Number of Agricultural Households With NO Plan to use Next Year		
	Number	%	Number	%	
North A	5,490	38.9	8,620	61.1	14,110
North B	2,059	23.5	6,719	76.5	8,778
Central	1,325	11.9	9,820	88.1	11,145
South	270	6.4	3,964	93.6	4,234
West	2,026	19.2	8,502	80.8	10,527
Wete	6,726	55.5	5,382	44.5	12,108
Micheweni	3,485	26.6	9,632	73.4	13,117
Chakechake	3,813	38.0	6,217	62.0	10,031
Mkoani	7,348	58.9	5,123	41.1	12,472
Total	32,543	33.7	63,979	66.3	96,522

12.36 ACCESS TO INPUTS: Number of Agricultural Households with Plan to Use Improved Seeds Next Year by District, 2002/03 Agriculture Year

District	Plan to Use Improved Seeds Next Year				Total
	Number of Agricultural Households With Plan to use Next Year		Number of Agricultural Households With NO Plan to use Next Year		
	Number	%	Number	%	
North A	9,293	65.9	4,817	34.1	14,110
North B	4,609	52.5	4,169	47.5	8,778
Central	6,737	60.4	4,408	39.6	11,145
South	2,268	53.6	1,966	46.4	4,234
West	5,719	54.3	4,808	45.7	10,527
Wete	10,035	82.9	2,073	17.1	12,108
Micheweni	7,333	55.9	5,784	44.1	13,117
Chakechake	3,915	39.0	6,116	61.0	10,031
Mkoani	8,380	67.2	4,092	32.8	12,472
Total	58,289	60.4	38,234	39.6	96,522

12.37 ACCESS TO EQUIPMENT: Number of Households NOT Using Hand Hoe by Main Reason for Not Using by District During 2002/03 Agriculture Year

District	Hand Hoe				Total Number
	Equipment / Asset of No Use		Other		
	Number	%	Number	%	
North A	26	86.5	4	13.5	31
North B	20	100.0	0	0.0	20
Central	10	100.0	0	0.0	10
South	27	78.0	8	22.0	35
West	82	86.8	12	13.2	94
Wete	0	0.0	0	100.0	0
Micheweni	0	0.0	0	100.0	0
Chakechake	0	0.0	19	100.0	19
Mkoani	76	100.0	0	0.0	76
Total	241	84.6	44	15.4	285

12.38 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Hand Powered Sprayers by Main Reason for Not Using and District, 2002/03 Agriculture Year

District	Hand Powered Sprayer					
	Not Available	Price Too High	No Money to Buy/Rent	Too Much Labour Required	Equipment/Asset of No Use	Others
	Number	Number	Number	Number	Number	Number
North A	5,558	3,759	1,142	52	2,836	25
North B	2,892	3,273	771	23	1,396	0
Central	1,669	3,615	835	23	3,716	0
South	279	638	90	0	3,150	8
West	1,874	2,454	1,367	0	4,346	58
Wete	3,618	5,394	1,814	0	1,181	21
Micheweni	4,620	4,348	1,305	225	2,552	45
Chakechake	4,287	2,675	994	44	1,677	42
Mkoani	3,568	4,254	1,012	0	3,128	0
Total	28,366	30,411	9,329	366	23,982	199

12.39 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Oxen by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Oxen					
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other
North A	5,093	2,080	1,210	96	5,579	28
North B	4,166	1,388	658	0	2,566	0
Central	2,977	931	1,217	156	5,811	0
South	109	61	13	0	4,043	8
West	3,714	1,389	1,479	16	3,771	118
Wete	4,233	2,538	2,785	20	2,493	0
Micheweni	7,591	3,235	609	68	1,614	0
Chakechake	7,565	561	681	23	1,181	19
Mkoani	5,669	2,480	350	22	3,951	0
Total	41,118	14,661	9,002	400	31,009	173

12.40 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Ox Plough by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Ox Plough					
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other
North A	4,995	1,709	958	429	5,991	28
North B	4,164	1,303	655	0	2,656	0
Central	2,838	1,037	1,213	238	5,791	0
South	122	65	0	0	4,040	8
West	3,623	1,526	1,371	36	3,813	118
Wete	4,925	1,780	448	58	4,897	0
Micheweni	8,320	2,428	723	24	1,622	0
Chakechake	7,553	586	581	67	1,224	19
Mkoani	5,612	2,247	350	84	4,179	0
Total	42,152	12,681	6,299	936	34,213	173

12.41 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Ox Seed Planter by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Ox Seed Planter					
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other
North A	4,610	1,531	985	328	6,631	25
North B	3,934	1,207	593	20	3,024	0
Central	3,011	923	1,043	210	5,957	0
South	86	76	0	0	4,064	8
West	2,882	1,655	1,484	16	4,373	118
Wete	5,505	1,449	470	39	4,644	0
Micheweni	8,305	2,030	812	24	1,947	0
Chakechake	7,229	544	510	46	1,683	19
Mkoani	5,438	2,136	289	64	4,525	20
Total	41,000	11,550	6,185	746	36,851	190

12.42 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Ox- Cart by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Ox Cart					
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other
North A	2,667	3,748	4,516	301	2,701	28
North B	2,244	1,968	1,825	36	2,491	0
Central	968	2,013	1,850	50	5,526	28
South	51	136	39	0	3,987	8
West	914	2,017	2,040	0	4,223	88
Wete	3,389	3,083	4,359	0	1,195	0
Micheweni	2,821	5,112	2,830	24	1,877	0
Chakechake	3,453	2,540	1,570	68	2,264	19
Mkoani	3,915	3,653	1,446	0	3,371	20
Total	20,424	24,272	20,476	479	27,634	190

12.43 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Tractors by Main Reason for Not Using by District During 2002/03 Agriculture Year

District	Tractor				
	Not Available	Price Too High	No Money to Buy / Rent	Equipment / Asset of No Use	Other
North A	5,417	1,517	1,594	2,362	0
North B	2,244	3,330	838	606	0
Central	2,083	2,739	1,073	4,014	0
South	111	106	0	3,864	8
West	1,654	2,800	1,650	3,882	118
Wete	2,101	4,477	4,078	871	0
Micheweni	5,126	3,773	1,316	2,902	0
Chakechake	2,654	3,851	1,796	844	160
Mkoani	2,611	5,488	1,204	2,491	0
Total	24,002	28,080	13,548	21,834	286

12.44 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Tractor Plough by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Tractor Plough				
	Not Available	Price Too High	No Money to Buy / Rent	Equipment / Asset of No Use	Other
North A	4,974	1,764	1,932	2,039	0
North B	2,085	3,562	831	407	0
Central	1,775	3,178	1,107	3,482	0
South	96	144	0	3,842	8
West	1,339	3,265	1,675	3,558	117
Wete	1,177	5,020	4,278	489	0
Micheweni	3,461	5,895	2,047	1,574	24
Chakechake	1,627	4,690	1,945	374	137
Mkoani	2,581	5,743	2,123	923	0
Total	19,115	33,260	15,938	16,689	286

12.45 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Tractor Harrows by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Tractor Harrow				
	Not Available	Price Too High	No Money to Buy / Rent	Equipment / Asset of No Use	Other
North A	5,417	1,517	1,594	2,362	0
North B	2,244	3,330	838	606	0
Central	2,083	2,739	1,073	4,014	0
South	111	106	0	3,864	8
West	1,654	2,800	1,650	3,882	118
Wete	2,101	4,477	4,078	871	0
Micheweni	5,126	3,773	1,316	2,902	0
Chakechake	2,654	3,851	1,796	844	160
Mkoani	2,611	5,488	1,204	2,491	0
Total	24,002	28,080	13,548	21,834	286

12.46 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Thresher/Sheller by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Thresher/Sheller				
	Not Available	Price Too High	No Money to Buy / Rent	Equipment / Asset of No Use	Other
North A	5,041	1,208	2,300	5,535	26
North B	2,492	2,198	501	3,541	46
Central	1,976	1,660	999	6,509	0
South	444	96	9	3,679	8
West	1,847	2,070	1,305	5,277	28
Wete	2,001	1,564	550	7,972	21
Micheweni	6,438	2,302	678	3,699	0
Chakechake	4,711	1,271	937	3,048	64
Mkoani	3,369	2,781	1,236	5,085	0
Total	28,320	15,149	8,515	44,344	193

12.47 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Hand Powered Sprayers by Main Reason for Not Using by District, 2002/03 Agriculture Year

District	Hand Powered Sprayer							
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Others	Not Applicable	Total
North A	5,558	3,759	1,142	52	2,836	25	738	14,110
North B	2,892	3,273	771	23	1,396	0	424	8,778
Central	1,669	3,615	835	23	3,716	0	1,287	11,145
South	279	638	90	0	3,150	8	68	4,234
West	1,874	2,454	1,367	0	4,346	58	428	10,527
Wete	3,618	5,394	1,814	0	1,181	21	80	12,108
Micheweni	4,620	4,348	1,305	225	2,552	45	23	13,117
Chakechake	4,287	2,675	994	44	1,677	42	312	10,031
Mkoani	3,568	4,254	1,012	0	3,128	0	509	12,472
Total	28,366	30,411	9,329	366	23,982	199	3,870	96,522
%	29.4	31.5	9.7	0.4	24.8	0.2	4.0	100.0

12.48 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Ox Plough by Main Reason for Not Using and District, 2002/03 Agriculture Year

District	Ox Plough							
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other	Not Applicable	Total
North A	4,995	1,709	958	429	5,991	28	0	14,110
North B	4,164	1,303	655	0	2,656	0	0	8,778
Central	2,838	1,037	1,213	238	5,791	0	28	11,145
South	122	65	0	0	4,040	8	0	4,234
West	3,623	1,526	1,371	36	3,813	118	40	10,527
Wete	4,925	1,780	448	58	4,897	0	0	12,108
Micheweni	8,320	2,428	723	24	1,622	0	0	13,117
Chakechake	7,553	586	581	67	1,224	19	0	10,031
Mkoani	5,612	2,247	350	84	4,179	0	0	12,472
Total	42,152	12,681	6,299	936	34,213	174	68	96,522
%	43.7	13.1	6.5	1.0	35.4	0.2	0.1	100.0

12.49 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Ox Cart by Main Reason for Not Using and District, 2002/03 Agriculture Year

District	Ox Cart							
	Not Available	Price Too High	No Money to Buy / Rent	Too Much Labour Required	Equipment / Asset of No Use	Other	Not Applicable	Total
North A	2,667	3,748	4,516	301	2,701	28	148	14,110
North B	2,244	1,968	1,825	36	2,491	0	213	8,778
Central	968	2,013	1,850	50	5,526	28	710	11,145
South	51	136	39	0	3,987	8	14	4,234
West	914	2,017	2,040	0	4,223	88	1,245	10,527
Wete	3,389	3,083	4,359	0	1,195	0	81	12,108
Micheweni	2,821	5,112	2,830	24	1,877	0	454	13,117
Chakechake	3,453	2,540	1,570	68	2,264	19	116	10,031
Mkoani	3,915	3,653	1,446	0	3,371	20	66	12,472
Total	20,424	24,272	20,476	479	27,634	190	3,046	96,522
%	21.2	25.1	21.2	0.5	28.6	0.2	3.2	100

12.50 ACCESS TO EQUIPMENT: Number of Agricultural Households NOT Using Tractor Plough by Main Reason for Not Using and District, 2002/03 Agriculture Year

District	Tractor Plough						Total
	Not Available	Price Too High	No Money to Buy / Rent	Equipment / Asset of No Use	Other	Not Applicable	
North A	4,974	1,764	1,932	2,039	0	3,401	14,110
North B	2,085	3,562	831	407	0	1,893	8,778
Central	1,775	3,178	1,107	3,482	0	1,602	11,145
South	96	144	0	3,842	8	146	4,234
West	1,339	3,265	1,675	3,558	117	573	10,527
Wete	1,177	5,020	4,278	489	0	1,144	12,108
Micheweni	3,461	5,895	2,047	1,574	24	116	13,117
Chakechake	1,627	4,690	1,945	374	137	1,257	10,031
Mkoani	2,581	5,743	2,123	923	0	1,101	12,472
Total	19,115	33,260	15,938	16,689	286	11,234	96,522
%	19.8	34.5	16.5	17.3	0.3	11.6	100.0

TREE PLANTING & AGROFORESTRY

14.1 TREE FARMING/AGROFORESTRY: Number of Agricultural Households with Planted Trees by District, 2002/03 Agriculture Year

District	Households with planted Trees		Households Without Planted Trees		Total
	Number	%	Number	%	
North "A"	770	5.5	13,340	94.5	14,110
North "B"	331	3.8	8,447	96.2	8,778
Central	817	7.3	10,327	92.7	11,145
South	310	7.3	3,925	92.7	4,234
West	337	3.2	10,191	96.8	10,527
Wete	38	0.3	12,070	99.7	12,108
Micheweni	176	1.3	12,941	98.7	13,117
Chakechake	132	1.3	9,899	98.7	10,031
Mkoani	21	0.2	12,451	99.8	12,472
Total	2,931	3.0	93,591	97.0	96,522

14.2 TREE PLANTING/AGROFORESTRY: Number of Households and Number of Trees Planted on Their Land by Planting Location and District, 2002/03 Agriculture Year

District	Where Planted								
	Mostly on Field/Plot Boundaries		Mostly Scattered in Field		Mostly in Plantation/Coppice		Total		
	Number of Households	Number of Trees	Number of Households	Number of Trees	Number of Households	Number of Trees	Number of Households	Number of Trees	Number of Trees per Household
North "A"	193	10,944	392	118,348	186	121,176	770	250,469	325
North "B"	62	24,482	236	107,864	33	53,422	331	185,768	561
Central	439	26,518	127	81,888	251	227,598	817	336,004	411
South	57	3,170	62	53,553	191	362,857	310	419,580	1,355
West	144	79,717	132	90,303	61	3,724	337	173,744	516
Wete	21	249	0	0	17	687	38	936	25
Micheweni	44	1,786	22	2,155	111	25,397	176	29,338	167
Chakechake	42	2,597	21	6,409	68	31,908	132	40,914	311
Mkoani	0	0	21	4,563	0	0	21	4,563	222
Total	1,002	149,463	1,011	465,083	918	826,770		1,441,316	492

14.3 ON FARM TREE PLANTING: Number of Planted Trees by Species and District, 2002/03 Agriculture Year

District	Senna Spp	Acacia Spp	Eucalyptus Spp	Calophyllum Inophyllum	Melicia excelsa	Casurina Equisetifolia	Tectona Grandis	Terminalia Catapa	Terminalia Ivorensis	Syzzygium Spp	Azadritachta Spp	Kyaya Spp	Moringa Spp	Total
North "A"	191	84,146	57,792	32,808	229	73,821	1006	366	0	0	109	0	0	250,469
North "B"	0	49,618	3,691	0	0	132,416	44	0	0	0	0	0	0	185,768
Central	0	13,457	5,408	465	0	315,971	396	0	0	42	0	0	265	336,004
South	0	79	81	0	0	419,278	142	0	0	0	0	0	0	419,580
West	351	77,821	41,147	0	0	54,154	122	17	41	15	15	61	0	173,744
Wete	0	0	104	0	0	832	0	0	0	0	0	0	0	936
Micheweni	2,155	0	0	0	0	27,183	0	0	0	0	0	0	0	29,338
Chakechake	0	0	0	0	0	40,914	0	0	0	0	0	0	0	40,914
Mkoani	0	0	0	0	0	4,563	0	0	0	0	0	0	0	4,563
Total	2,696	225,121	108,222	33273	229	1,069,132	1710	383	41	57	124	61	265	1,441,316
%	0.187	15.619	7.509	2.309	0.016	74.177	0.119	0.027	0.003	0.004	0.009	0.004	0.018	100

14.4 TREE PLANTING/AGROFORESTRY: Number of Agricultural Households Planting Trees by Main Use of Tree and District, 2002/03 Agriculture Year

District	Main Use							Total
	Planks / Timber	Poles	Charcoal	Fuel for Wood	Shade	Medicinal	Other	
North "A"	264	574	0	290	23	0	0	1,152
North "B"	114	103	44	60	0	0	10	331
Central	144	636	84	136	0	0	49	1,049
South	22	268	0	13	0	0	13	316
West	156	114	62	75	51	15	17	491
Wete	0	59	0	0	0	0	0	59
Micheweni	23	109	0	0	0	0	43	176
Chake	0	112	0	19	0	0	0	132
Mkoani	0	0	21	0	0	0	0	21
Total	723	1,975	211	594	74	15	133	3,725

14.5 TREE PLANTING/AGROFORESTRY: Number of Agricultural Households Planting Trees by Second Use of Tree and District, 2002/03 Agriculture Year

District	Second Use						Total
	Planks / Timber	Poles	Charcoal	Fuel for Wood	Shade	Other	
North "A"	63	318	25	721	25	0	1,152
North "B"	60	49	42	158	0	22	331
Central	83	50	81	762	47	26	1,049
South	0	40	6	270	0	0	316
West	101	60	62	195	73	0	491
Wete	0	0	0	59	0	0	59
Micheweni	0	43	0	88	0	45	176
Chakechake	0	19	0	91	21	0	132
Mkoani	0	21	0	0	0	0	21
Total	307	600	215	2343	166	93	3,725

14.6 TREE PLANTING/AGROFORESTRY: Number of Trees Utilised and Value by Type of Utilisation and District, 2002/03 Agriculture Year

District	Utilisation of trees				Total Value (Tsh)
	Number of Plank Trees Sold	Number of Pole Trees Sold	Number of Poles hh Utilised	Number of Timber hh Utilised	
North "A"	114	5,640	1931	27	8,365,736
North "B"	22,654	19,706	702	0	16,971,378
Central	0	15,107	3079	0	15,671,299
South	33	17,482	167	33	10,171,796
West	18,028	1,836	749	86	1,014,444
Wete	0	148	0	120	55,059
Micheweni	0	14,075	0	0	18,384,172
Chakechake	0	13,787	2899	0	8,858,998
Mkoani	0	0	822	0	822,212
Total	40,830	87,781	10,348	267	80,315,095

14.7 COMMUNITY TREE PLANTING: Number of Households Involved in Community Tree Planting by Main Scheme Household Involvement and District, 2002/03 Agriculture Year

District	Household Involvement				Total
	Only Planting	Only Protection & Thinning	Only Cutting	Most or all Activities	
North "A"	48	28	0	526	602
North "B"	54	10	0	52	116
Central	497	41	51	757	1,346
South	0	0	0	0	0
West	84	63	0	102	249
Wete	63	0	0	272	335
Micheweni	23	0	23	183	229
Chakechake	0	0	0	24	24
Mkoani	0	0	0	0	0
Total	770	142	74	1,916	2,902

**14.8 COMMUNITY TREE PLANTING:
Number of Agricultural Households by
Distance to Community Planted Forest (Km)
and District, 2002/03 Agriculture Year**

District	Distance	
	1-9	Total
North "A"	602	602
North "B"	116	116
Central	1,346	1,346
South	0	0
West	249	249
Wete	335	335
Micheweni	229	229
Chakechake	24	24
Mkoani	0	0
Total	2,902	2,902

**14.9 COMMUNITY TREE PLANTING: Number of Households Involved in Community Tree
Planting by Main Reason and District, 2002/03 Agriculture Year**

District	Main Purpose					Total
	Erosion Control	Production of Poles	Production of Firewood	Environmental Rehabilitation	Others	
North "A"	0	444	80	23	54	602
North "B"	0	116	0	0	0	116
Central	62	686	28	570	0	1,346
South	0	0	0	0	0	0
West	40	43	58	107	0	249
Wete	0	314	0	21	0	335
Micheweni	46	160	0	23	0	229
Chakechake	0	24	0	0	0	24
Mkoani	0	0	0	0	0	0
Total	149	1,787	166	745	54	2,902

**14.10 TREE FARMING: Number of Agricultural Households Involved in Community Tree Planting Scheme
By Main Use and District, 2002/03 Agricultural Year**

District	Main Use During 2002/03							Total
	Poles	Timber Logs	Charcoal	Firewood	Not Ready to Use	Not Allowed to Use	Other	
North "A"	357	54	0	50	141	0	0	602
North "B"	84	32	0	0	0	0	0	116
Central	612	179	25	150	254	125	0	1,346
South	0	0	0	0	0	0	0	0
West	58	46	0	35	48	61	0	249
Wete	253	0	0	0	61	0	21	335
Micheweni	114	23	0	47	22	0	23	229
Chakechake	24	0	0	0	0	0	0	24
Mkoani	0	0	0	0	0	0	0	0
Total	1,503	335	25	282	526	187	45	2,902

CROP EXTENSION

15.1 CROP EXTENSION: Number of Agricultural Households Receiving Extension Messages by District, 2002/03 Agriculture Year

District	Number of Households Receiving Extension Advise		Number of Households NOT Receiving Extension Advise		Total Number of Agriculture Households
	Number	%	Number	%	
North "A"	3,525	25.0	10,585	75.0	14,110
North "B"	782	8.9	7,996	91.1	8,778
Central	1,385	12.4	9,760	87.6	11,145
South	531	12.5	3,703	87.5	4,234
West	576	5.5	9,951	94.5	10,527
Wete	1,424	11.8	10,684	88.2	12,108
Micheweni	1,728	13.2	11,389	86.8	13,117
Chakechake	1,628	16.2	8,403	83.8	10,031
Mkoani	5,529	44.3	6,943	55.7	12,472
Total	17,109	17.7	79,413	82.3	96,522

15.2 CROP EXTENSION SERVICES: Number of Agricultural Households by Quality of Extension Services and District, 2002/03 Agricultural Year

District	Quality of Service									
	Very Good	%	Good	%	Average	%	Poor	%	No Good	%
North "A"	466	13.2	2,202	62.5	756	21.4	101	2.9	0	0.0
North "B"	71	9.3	567	74.6	105	10.8	40	5.2	0	0.0
Central	373	26.9	795	57.4	193	13.9	0	0.0	23	1.7
South	173	32.6	257	48.5	74	13.9	26	4.9	0	0.0
West	199	34.5	328	56.9	49	8.5	0	0.0	0	0.0
Wete	404	28.4	779	54.7	220	15.4	21	1.5	0	0.0
Micheweni	467	27.0	914	52.9	304	17.6	22	1.2	22	1.2
Chakechake	468	28.8	816	50.1	204	12.5	140	8.6	0	0.0
Mkoani	1,105	20.0	2,906	52.6	1,317	23.8	140	2.5	61	1.1
Total	3,726	21.8	9,564	56.0	3,223	18.7	491	2.9	106	0.6

15.3 EXTENSION MESSAGES: Number of Agricultural Households by Source of Extension Messages and District, 2002/03 Agricultural Year

District	Source of Crop Extension						Receiving Extension Advice
	Government	%	NGO / Development Project	%	Other	%	
North "A"	3,231	91.6	216	6.1	78	2.2	3,525
North "B"	782	100.0	0	0.0	0	0.0	782
Central	1,300	93.9	0	0.0	85	6.1	1,385
South	472	89.0	27	5.2	31	5.9	531
West	509	88.3	24	4.2	43	7.5	576
Wete	1,385	97.2	19	1.3	21	1.5	1,424
Micheweni	1,549	89.7	24	1.4	154	8.9	1,728
Chakechake	1,544	94.8	0	0.0	84	5.2	1,628
Mkoani	5,464	98.8	43	0.8	21	0.4	5,529
Total	16,237	94.9	354	2.1	518	3.0	17,109

15.4 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Plant Spacing by Source and District, 2002/03 Agriculture Year

District	Spacing					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	2,087	170	50	2,307	14,110	16.4
North "B"	675	0	0	675	8,778	7.7
Central	1,069	0	60	1,128	11,145	10.1
South	317	21	12	351	4,234	8.3
West	410	24	20	454	10,527	4.3
Wete	648	0	0	648	12,108	5.3
Micheweni	1,017	24	23	1,065	13,117	8.1
Chakechake	721	0	42	763	10,031	7.6
Mkoani	3,039	0	21	3,060	12,472	24.5
Total	9,982	240	229	10,451	96,522	10.8
%	95.5	2.3	2.2	100.0		

15.5 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Agro-Chemical Use by Source and District, 2002/03 Agriculture Year

District	Use of Agrochemicals					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	1,033	0	28	1,061	14,110	7.5
North "B"	450	0	0	450	8,778	5.1
Central	673	0	41	714	11,145	6.4
South	94	0	0	94	4,234	2.2
West	157	0	17	174	10,527	1.7
Wete	362	0	0	362	12,108	3.0
Micheweni	439	0	0	439	13,117	3.3
Chakechake	269	0	0	269	10,031	2.7
Mkoani	1,841	0	0	1,841	12,472	14.8
Total	5,317	0	86	5,404	96,522	5.6
%	98.4	0	1.6	100		

15.6 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Erosion Control by Source and District, 2002/03 Agriculture Year

District	Erosion Control					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	800	21	105	926	14,110	6.6
North "B"	119	0	0	119	8,778	1.4
Central	122	0	0	122	11,145	1.1
South	22	0	0	22	4,234	0.5
West	128	0	0	128	10,527	1.2
Wete	120	0	0	120	12,108	1.0
Micheweni	114	0	23	137	13,117	1.0
Chakechake	67	0	0	67	10,031	0.7
Mkoani	1,101	22	0	1,123	12,472	9.0
Total	2,595	43	129	2,766	96,522	2.9
%	93.8	1.5	4.7	100		

15.7 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Organic Fertiliser Use by Source and District, 2002/03 Agriculture Year

District	Organic Fertiliser Use					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	1,437	23	107	1,567	14,110	11.1
North "B"	361	0	0	361	8,778	4.1
Central	772	0	93	866	11,145	7.8
South	341	0	24	365	4,234	8.6
West	305	24	0	329	10,527	3.1
Wete	559	0	0	559	12,108	4.6
Micheweni	928	22	154	1,104	13,117	8.4
Chakechake	653	0	81	734	10,031	7.3
Mkoani	2,384	43	21	2,448	12,472	19.6
Total	7,740	112	481	8,333	96,522	8.6
%	92.9	1.3	5.8	100		

15.8 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Inorganic Fertiliser Use by Source and District, 2002/03 Agriculture Year

District	Inorganic Fertiliser Use					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number of Household
North "A"	1,418	0	28	1,446	14,110	10.2
North "B"	326	0	0	326	8,778	3.7
Central	506	0	0	506	11,145	4.5
South	86	0	0	86	4,234	2.0
West	186	0	17	203	10,527	1.9
Wete	772	19	0	791	12,108	6.5
Micheweni	527	0	23	550	13,117	4.2
Chakechake	642	0	0	642	10,031	6.4
Mkoani	2,090	22	0	2,112	12,472	16.9
Total	6,552	40	68	6,660	96,522	6.9
%	98.4	0.6	1.0	100		

15.9 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Use of Improved Seeds by Source and District, 2002/03 Agriculture Year

District	Use of Improved Seeds					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	1,309	142	53	1,504	14,110	10.7
North "B"	451	0	0	451	8,778	5.1
Central	890	0	58	947	11,145	8.5
South	151	9	0	160	4,234	3.8
West	298	0	43	341	10,527	3.2
Wete	387	22	0	409	12,108	3.4
Micheweni	690	24	46	760	13,117	5.8
Chakechake	676	0	19	696	10,031	6.9
Mkoani	2,136	0	0	2,136	12,472	17.1
Total	6,988	196	219	7,403	96,522	7.7
%	94.4	2.6	3.0	100		

**15.10 CROP EXTENSION: Number of Agriculture Households Receiving Advice on Mechanisation
by Source and District, 2002/03 Agriculture Year**

District	Irrigation Technology					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	1,224	0	28	1,252	14,110	8.9
North "B"	306	0	0	306	8,778	3.5
Central	387	0	0	387	11,145	3.5
South	60	6	0	65	4,234	1.5
West	172	0	0	172	10,527	1.6
Wete	222	0	0	222	12,108	1.8
Micheweni	448	0	0	448	13,117	3.4
Chakechake	533	0	19	552	10,031	5.5
Mkoani	2,483	0	0	2,483	12,472	19.9
Total	5,835	6	47	5,888	96,522	6.1
%	99.1	0.1	0.8	100		

**15.11 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Irrigation
Technology by Source and District, 2002/03 Agriculture Year**

District	Irrigation Technology					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	581	0	50	631	14,110	4.5
North "B"	128	0	0	128	8,778	1.5
Central	445	28	16	489	11,145	4.4
South	91	13	0	104	4,234	2.5
West	187	0	0	187	10,527	1.8
Wete	41	0	0	41	12,108	0.3
Micheweni	148	0	0	148	13,117	1.1
Chakechake	71	0	0	71	10,031	0.7
Mkoani	440	22	0	461	12,472	3.7
Total	2,131	62	67	2,260	96,522	2.3
%	94.3	2.7	3.0	100		

15.12 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Crop Storage by Source and District, 2002/03 Agriculture Year

District	Crop Storage					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	581	71	48	699	14,110	5.0
North "B"	160	0	0	160	8,778	1.8
Central	199	0	25	224	11,145	2.0
South	14	9	0	23	4,234	0.5
West	135	0	0	135	10,527	1.3
Wete	137	0	21	158	12,108	1.3
Micheweni	154	46	87	286	13,117	2.2
Chakechake	177	0	0	177	10,031	1.8
Mkoani	551	0	0	551	12,472	4.4
Total	2,108	125	181	2,414	96,522	2.5
%	87.3	5.2	7.5	100		

15.13 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Vermin Control by Source and District, 2002/03 Agriculture Year

District	Vermin Control					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	437	21	28	486	14,110	3.4
North "B"	211	0	0	211	8,778	2.4
Central	283	0	0	283	11,145	2.5
South	44	0	0	44	4,234	1.0
West	170	24	6	200	10,527	1.9
Wete	80	0	0	80	12,108	0.7
Micheweni	156	0	0	156	13,117	1.2
Chake	69	0	0	69	10,031	0.7
Mkoani	286	0	0	286	12,472	2.3
Total	1,735	46	33	1,815	96,522	1.9
%	95.6	2.5	1.8	100		

15.14 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Agro Processing by Source and District, 2002/03 Agriculture Year

District	Agro-processing					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	606	46	54	706	14,110	5.0
North "B"	45	0	0	45	8,778	0.5
Central	76	0	0	76	11,145	0.7
South	14	0	0	14	4,234	0.3
West	35	0	0	35	10,527	0.3
Wete	59	0	0	59	12,108	0.5
Micheweni	22	0	24	45	13,117	0.3
Chakechake	23	0	0	23	10,031	0.2
Mkoani	363	0	0	363	12,472	2.9
Total	1,243	46	77	1,367	96,522	1.4
%	91	3	6	100		

15.15 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Agro-Forestry by Source and District, 2002/03 Agriculture Year

District	Agro-forestry					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	294	46	22	363	14,110	3
North "B"	135	0	0	135	8,778	2
Central	54	0	0	54	11,145	0
South	27	0	0	27	4,234	1
West	115	0	0	115	10,527	1
Wete	61	0	0	61	12,108	1
Micheweni	195	0	0	195	13,117	1
Chakechake	24	0	0	24	10,031	0
Mkoani	109	0	0	109	12,472	1
Total	1,014	46	22	1,082	96,522	1
%	93.7	4.3	2.0	100		

15.16 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Bee Keeping by Source and District, 2002/03 Agriculture Year

District	Beekeeping					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	21	0	56	78	14,110	0.6
North "B"	0	0	0	0	8,778	0.0
Central	26	0	0	26	11,145	0.2
South	41	0	7	48	4,234	1.1
West	0	0	0	0	10,527	0.0
Wete	0	0	0	0	12,108	0.0
Micheweni	43	0	0	43	13,117	0.3
Chakechake	0	0	0	0	10,031	0.0
Mkoani	0	0	0	0	12,472	0.0
Total	132	0	63	195	96,522	0.2
%	67.6	0.0	32.4	100		

15.17 CROP EXTENSION: Number of Agricultural Households Receiving Advice on Fish Farming by Source and District, 2002/03 Agriculture Year

District	Fish Farming					
	Government	NGO / Development Project	Other	Total Receiving Advice	Total Number of Households	% of Total Number Of Household
North "A"	23	0	28	51	14,110	0.4
North "B"	0	0	0	0	8,778	0.0
Central	0	0	0	0	11,145	0.0
South	0	0	0	0	4,234	0.0
West	0	0	0	0	10,527	0.0
Wete	0	0	0	0	12,108	0.0
Micheweni	0	0	0	0	13,117	0.0
Chakechake	0	0	0	0	10,031	0.0
Mkoani	0	0	0	0	12,472	0.0
Total	23	0	28	51	96,522	0.1
%	45.3	0.0	54.7	100		

15.18 CROP EXTENSION: Number of Agricultural Households Receiving and Adopting Extension Messages by Type of Message and District (Part 1), 2002/03 Agriculture Year

District	Spacing			Use of Agrochemicals			Erosion Control		
	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%
North "A"	2,307	2,004	86.9	1,061	396	37.4	926	905	97.7
North "B"	675	663	98.2	450	187	41.6	119	52	43.5
Central	1,128	1,075	95.3	714	660	92.4	122	122	100.0
South	351	299	85.1	94	52	55.0	22	22	100.0
West	454	411	90.7	174	105	60.5	128	91	71.1
Wete	648	607	93.7	362	139	38.3	120	80	66.1
Micheweni	1,065	998	93.8	439	129	29.4	137	90	65.9
Chakechake	763	648	84.9	269	111	41.2	67	22	33.2
Mkoani	3,060	2,104	68.8	1,841	486	26.4	1,123	340	30.3
Total	10,451	8,810	84.3	5,404	2,264	41.9	2,766	1,725	62.3

15.19 CROP EXTENSION: Number of Agriculture Households Receiving and Adopting Extension Messages by Type of Message and District (Part 2) During 2002/03 Agriculture Year

District	Organic Fertiliser			Inorganic Fertiliser			Use of Improved Seeds		
	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%
North "A"	1,567	983	63	1,446	791	55	1,504	887	59
North "B"	361	236	65	326	229	70	451	368	82
Central	866	734	85	506	321	63	947	843	89
South	365	300	82	86	61	71	160	138	87
West	329	248	75	203	151	74	341	306	90
Wete	559	379	68	791	513	65	409	350	86
Micheweni	1,104	702	64	550	83	15	760	334	44
Chakechake	734	371	51	642	320	50	696	468	67
Mkoani	2,448	1,164	48	2,112	631	30	2,136	746	35
Total	8,333	5,117	61.4	6,660	3,100	46.5	7,403	4,440	60.0

15.20 CROP EXTENSION: Number of Agricultural Households Receiving and Adopting Extension Messages by Type of Message and District (Part 3), 2002/03 Agriculture Year

District	Mechanisation/LST			Irrigation Technology			Crop Storage		
	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%
North "A"	1,252	926	74.0	631	159	25.2	699	583	83.3
North "B"	306	178	58.2	128	64	50.4	160	140	87.6
Central	387	309	79.9	489	412	84.3	224	198	88.4
South	65	38	58.6	104	82	79.2	23	23	100.0
West	172	115	66.8	187	130	69.5	135	114	84.3
Wete	222	80	36.1	41	21	51.7	158	117	74.2
Micheweni	448	24	5.3	148	124	84.1	286	198	69.1
Chakechake	552	299	54.1	71	0	0.0	177	177	100.0
Mkoani	2,483	766	30.8	461	128	27.7	551	469	85.1
Total	5,888	2,736	46.5	2,260	1,121	49.6	2,414	2,019	83.6

15.21 CROP EXTENSION: Number of Agriculture Households Receiving and Adopting Extension Messages by Type of Message and District (Part 4) During 2002/03 Agriculture Year

District	Vermin Control			Agro-processing			Agro-forestry		
	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%	Received Advice	Adopted Message	%
North "A"	486	432	88.9	706	661	93.6	706	661	93.6
North "B"	211	108	51.1	45	45	100.0	45	45	100.0
Central	283	257	90.7	50	53	105.5	50	53	105.5
South	44	44	100.0	14	14	100.0	14	14	100.0
West	200	154	77.2	35	35	100.0	35	35	100.0
Wete	80	60	75.3	59	59	100.0	59	59	100.0
Micheweni	156	91	58.2	45	24	51.9	45	24	51.9
Chakechake	69	69	100.0	23	23	100.0	23	23	100.0
Mkoani	286	172	60.0	363	222	61.2	363	222	61.2
Total	1,815	1387	76.4	1341	1135	84.7	1341	1135	84.7

15.22 CROP EXTENSION: Number of Agricultural Households Receiving and Adopting Extension Messages by Type of Message and District (Part 5), 2002/03 Agriculture Year

District	Beekeeping			Fish Farming		
	Received	Adopted	%	Received	Adopted	%
North "A"	78	0	0.0	51	0	0
North "B"	0	0	0.0	0	0	0
Central	26	0	0.0	0	0	0
South	48	39	81	0	0	0
West	0	0	0.0	0	0	0
Wete	0	0	0	0	0	0
Micheweni	43	22	50.0	0	0	0
Chakechake	0	0	0.0	0	0	0
Mkoani	0	0	0.0	0	0	0
Total	195	61	31.0	51	0	0